1. Alpha-keratin is a protein present in which thing?
2. Where was the first session of the Constituent Assembly held?
3. Which of the following is used as ‘a moderator in nuclear reactor’?
4. Which planet looks reddish in the night sky?
5. What was the source of the blue gem stone, lapis lazuli, for the people of Harappan culture?
6. Sachin Tendulkar scored his 100th international century against which country?
7. In baseball, the two opposing teams consist of how many players?
8. The improper function of which results in condition ‘Myxedema’ in human beings?
9. In 1610, Galileo Galilei discovered four moons of which planet?
10. In the Vedic society, which was the term used to denote a group of families?
11. Who was the Chairman of the Union Constitution Committee of the Constituent Assembly?
12. Which element that does not occur in nature but can be produced artificially?
13. When had India a plan holiday?
14. How are Latitude and Longitude?
15. Which Philosophy holds that the world is created and maintained by Universal Law?
16. Which book is authored by V.S. Naipaul?
17. Which can be used for biological control of mosquitoes?
18. Which proclamation of National Emergency automatically suspends?
19. The latitude of a place is the same as which place?
20. What was the script used in the earliest Tamil inscriptions?

Answer:
1. In which technology do Cryogenic engines find applications?
2. Shovna Narayan is a reputed personality in which field?
3. During which Plan did prices show a decline?
4. Which instrument used for finding out wind-direction?
5. Which ports handled the north Indian trade during the Gupta period?
6. Which vitamin is considered to be a hormone?
7. On the basis of financial crisis how many times has emergency been declared by the President of India?
8. Which is the element found on the surface of the moon?
9. Why is ‘Beaufort Scale’ used?
10. Which Tomar ruler is credited to have established Delhi?
11. ‘My Music, My Life’ is the autobiography of which person?
12. Which was the first talkie film of India?
13. Through which Translocation of food materials in plants takes place?
14. When does Relative humidity decreases?
15. Who was the Sultan of Delhi who is reputed to have built the biggest network of canals in India?
16. What type of Party system has been evolved in India?
17. A man with a dark skin, in comparison with a man with a white skin, What will experience?
18. Which bank is the Banker of the Banks?
19. Where are a large number of species are found within a small unit of area?
20. Krishnadeva Raya wrote a famous work, namely Amuktamalyada, in which language?

Answer:
1. Rocket technology
2. Classical dance
3. First
4. wind vane
5. Broach
6. D
7. Not even once
8. Titanium
9. To measure wind velocity
10. Anangpal
11. Pt. Ravi Shankar
12. Alam Ara
13. Phloem
14. With increased temperature
15. Feroze Shan Tughlaq
16. Multi-Party
17. Less heat and less cold
18. RBI
19. Wet evergreen equatorial forests
20. Telugu
1. Folk painting ‘Madhubani’ is famous in which state?
2. Which is the tree requiring minimum water for its growth?
3. Which post does the Constitution of India does not mention?
4. Which country is the largest producer of Bauxite?
5. Which Indian rulers was a contemporary of Akbar?
6. How are Oxygen and ozone?
7. From where did India introduce cultivation of tobacco/tapioca/pineapple?
8. When was the Reserve Bank of India taken over by the Government?
9. Which is found on the western coast of continents between 30° and 40° latitudes?
10. Which school of paintings developed independently during the Mughal Period?
11. In which is ‘Foot and Mouth Disease’ found?
12. Who decides the number of Judges in a High Court?
13. What denotes the smallest temperature?
14. In which latitudes largest quantities of bauxite is found?
15. Which was the first English ship that came to India?
16. Which tree, once very popular in social forestry, is now taken to be environmental hazard?
17. Foot-and-Mouth disease in animals, a current epidemic in some parts of the world, By which is this caused?
18. In which animal is respiration done by skin?
19. The Ruhr-Westphalia region is a famous industrial region of which country?
20. Which was the first newspaper to be published in India?

**Answer:**
1. With which does the power to extend or restrict the jurisdiction of the High Court rest?
2. ‘Gobar gas’ contains mainly which gas?
3. Which is the biggest Public Sector undertaking in the country?
4. Which rocks is transformed into marble?
5. Which ‘Englishmen was fellow of Gandhiji in South Africa?
6. By which number the quality of gasoline’ sample is determined?
7. Due to bite of mad dog the disease hydrophobia is caused by which virus?
8. Who appoints the Chief Election Commissioner of India?
9. What is the principal reason for the formation of metamorphic rocks?
10. Who said “I therefore want freedom immediately, this very night, before dawn if it can be had”?
11. A temperature at which both the Fahrenheit and the centigrade scales have the same value?
12. With which is the ‘Tennis court oath’ associated?
13. Which is the tax that takes away a higher proportion of one’s income as the income rises?
14. Where is the Sargasso sea located?
15. Who com merited that Cripps Mission was a postdated cheque on a crashing bank?
16. Medicine for epilepsy is obtain from which lichen?
17. Up to howmuch age can the Members of the Union Public Service Commission function?
18. Which type of glass is used for making glass reinforced plastic?
19. Which is the greatest known ocean depth (which lies in the Pacific Ocean)?
20. At which one place did Mahatma Gandhi first start his Satyagraha in India?

Answer :
1. With which country is “Orange’ Revolution” associated?
2. With which field was Pandit Bhimsen Joshi associated?
3. What percentage of water is lost during transpiration?
4. Which is the most populous city in the world?
5. By which ruler was the practice of military governorship first introduced in India?
6. Which country has the briefest Constitution in the world?
7. When temperature is gradually decreased, what is the specific heat of substance?
8. What is the mean of Invisible Export?
9. Which is the country with the highest density of population in Europe?
10. Bhakt Tukaram was a contemporary of which Mughal emperor?
11. Who was the first person to cross the Alps with army?
12. What is the loss of water in the form of water drops called?
13. Who was made the Home Minister when Jawaharlal Nehru formed the Interim Government in 1946?
14. Which foreign country is closest to Andaman Islands?
15. Who was called Zinda Pir (living saint) in Mughal India?
16. Which metal is non toxic in nature?
17. Which is the latest addition to the list of UNESCO’s world heritage sites in India?
18. Which committee was assigned to recommend reforms in the insurance sector?
19. Which State shares boundaries with the maximum number of other States of India?
20. The first railway line in India was opened in which year?

Answer:
1. What is Study of growth and development of embryo?
2. What is the minimum permissible age for employment in any factory or mine?
3. Angular separation between two colours of the spectrum depends upon which thing?
4. Which mountain range stretches from Gujarat in west to Delhi in the north?
5. In which nomad man started settling?
6. Where is the headquarter of International atomic Energy Agency is located?
7. The book ‘Diplomatic Encounter’ has been written by which author?
8. What is the Study of pulse and arterial blood pressure called?
9. The Himalayas are formed of parallel fold ranges of which the oldest range?
10. Rigveda is divided into 10 books. Which books are the oldest?
11. Who is competent to prescribe conditions as for acquiring Indian citizenship?
12. Which is the element that has the highest first ionization potential?
13. During which Plan did prices show a decline?
14. Which state has the largest number of salt lakes in India?
15. Who was the last of the 24th Jain Tirthankaras?
16. Who is the author of the book ‘The Rights of Man’?
17. What is considered as the easily digestable source of protein?
18. When the Vice-President acts as President he gets the emoluments of which post?
19. Which port especially developed for exporting iron ore to Japan?
20. Which site, where Ashokan pillars exist, has the bull capital?

Answer :
1. Total internal reflection of light is possible when light enters from which thing?
2. The book ‘Worshipping False Gods’s is written by which person?
3. When was the Rolling plan designed?
4. Which is a global biodiversity hotspot in India?
5. During which reign was Kalidasa lived?
6. In the human body, cowper’s glands form a part of which system?
7. The resolution for removing the Vice-President of India can be moved in which sabha?
8. Which transition metal is in liquid state?
9. Which type of forest exhibits highest bio-diversity?
10. Which Rashtrakuta ruler established a victory pillar in Rameshwaram?
11. Who directed the famous T.V. serial ‘Tandoori Nights’?
12. The UNESCO declared 2011 as which International Year?
13. In absence of ribosome in cell which function does not takes place?
14. Where are Tapovan and Vishnugarh Hydroelectric Projects located?
15. Who was the last ruler of the Tughlaq dynasty of the Delhi Sultanate?
16. To whom does the Public Accounts Committee submit its report?
17. If a bar magnet is cut length wise into 3 parts, what will the total number of poles be?
18. Why does the Issue Department of the RBI maintain a against printing of note?
19. With which river is the Omkareshwar Project associated?
20. The ruler which was not invited to join the confederacy to fight against Vijaynagar in the battle of Talikota?

Answer:
1. The United Nations declared 2010 as which International Year?
2. Which tissue take part in healing the wounds?
3. Which is the highest and final judicial tribunal in respect of the Constitution of India?
4. What is the state the main activity associated with the fold mountain?
5. Who was the Afghan ruler of India whose administrative system was emulated by the British?
6. Temporary hardness of water is due to the presence of which thing?
7. Regatta is associated with which sports event?
8. Rupee was devalued by what percent in July 1991?
9. What is the term as the drainage pattern developed on folded sedimentary rocks?
10. Whose tomb is ‘Biwi Ka Maqbara’?
11. Which energy do not have the problem of pollution?
12. When was the Madras State renamed Tamil Nadu?
13. What is a suitable unit for expressing electric field strength?
14. Rotation of the earth causes deflection of wind by which force?
15. Who organised a Maratha confederacy against the English leading to the Third Anglo Maratha War?
16. Which woman has become the highest individual scorer in an innings in Tests?
17. What is the name of the person that controls a football match?
18. Which air pollutant affect the nervous system of man?
19. Which is the chief characteristics of wet and dry tropics?
20. By whom was Shuddhi movement (conversion of non-Hindus to Hinduism) started?

**Answer:**
1. Which Union Territory attained statehood in February, 1987?
2. Which oxyacid of halogen has maximum acidic nature?
3. From when was the Zero Base Budgeting in India first experimented?
4. What is the most important reason for dwindling forest resources today?
5. “The best and bravest of the military leader of the rebels” - about whom was this said by Sir Hugh Rose?
6. Who is the leading wicket taker in the history of Test cricket?
7. The greatest threat to organisms and biodiversity in which process?
8. Which Article of the Constitution of India makes a specific mention of Village Panchayats?
9. How much of earth surface is covered by the forests?
10. Who was the first Indian woman President of the Indian National Congress?
11. The unidirectional property of a pn-junction is useful for its use as which thing?
12. Who has been awarded the Prem Bhatia Award for the year 2012?
13. Who is the chairman of 13th Finance Commission?
14. The Himalayas are approximately how many kilometer broad?
15. During India’s Freedom Struggle, which led to the first ‘All India Hartal’?
16. Which animals have a diet mainly consisting of bamboo?
17. Which Amendment of the Constitution of India deals with the issue of strengthening of the Panchayati Raj?
18. Thermal decomposition of alkanes is known as which name?
19. How many islands of India are located in the Bay of Bengal?
20. In ancient India, at where was the earliest capital of Magadha kingdom?

Answer :
1. Amarya Sen, the NRI Nobel laureate got the honour for which work?

2. Where did India make her debut in Olympic football?

3. Which plant is used for green manuring in India?

4. Which city is known as the ‘Manchester of South India’?

5. The Government of India has decided to declare river as ‘National River’?

6. What does the Preamble of our Constitution contain?

7. Which energy of the electron at absolute zero is called?

8. What is an essential attribute of inflation?

9. Which city is known for silk wearing industry?

10. Which Rajputa king defeated Muhammad Ghori for the first time?

11. Where were first Olympic Games held?

12. What is the characteristic odour of garlic?

13. The source of India’s sovereignty lies in which thing?

14. What can be the maximum duration of totality for a solar eclipse?

15. Which region of India was ruled by Sultan Zainul Abidin?

16. Which is the vitamin that is most readily manufactured in our bodies?

17. The celebrated novel ‘The Godfather’ was authored by which author?

18. What is the best means of saving during inflation?

19. What is the total surface area of earth?

20. Sirajuddaulah was defeated by Lord Clive in which battle?

Answer:

1. In human body, which are the leg bones?
2. When the Vice-President acts as President he gets the emoluments of which post?
3. Which of the following is good nuclear fuel?
4. All the watches of a country are set according to which time?
5. Near the banks of which river excavations have brought to light that Indus Valley Civilization percolated to far south?
6. Which book is entitled as ‘Bible of Communism’?
7. Who is popularly known as ‘Nightingale of India’?
8. In metabolism, how enzymes act?
9. If it is 4 P.M. on Monday at 150°W, what will be the time at 150°E?
10. The term nishka, which meant an ornament in the Vedic period, was used in later times, what did it denote?
11. In India, the concept of single citizenship is adopted from which country?
12. Which is the essential element in all organic compounds?
13. Which is the oldest ‘stock exchange of India’?
14. What are the ‘Temperate lows’?
15. Which are the earliest Buddhist literature that deal with the stories of the various birth of Buddha?
16. Dr. M. S. Swaminathan distinguished himself in which field?
17. By which plants is the maximum fixation of solar energy done?
18. In which year was the first no confidence motion moved in the Lok Sabha after independence?
19. Which hot and dry winds that help in the ripening or grapes in the Alps region?
20. Which language was used in the literature of Sangam period?

Answer:
1. What is the wavelength of visible spectrum?
2. The fragments of which comet system collided with Jupiter in July 1994?
3. The National Housing Bank was set up in India as a wholly-owned subsidiary of which bank?
4. Wine production is mainly carried out in natural region?
5. Which was the most important factor in transforming ancient Indian society into feudal society?
6. Which animal resembles most to human beings in terms of physical and mental capabilities?
7. From where can a Member of Parliament claim immunity?
8. Salts of which element provide colours to fireworks?
9. Where are the Postaz temperate grassland?
10. Which was the Chola king who conquered the northern part of Sri Lanka and made it a province of his empire?
11. Where is the largest automobile manufacturing centre in the world located?
12. ORT (Oral Rehydration Therapy) is associated with the treatment of which disease?
13. To suspect HIV/AIDS in a young individual, which symptom is mostly associated with?
14. Which is the chief industry of Afghanistan?
15. Why did Muhammad-bin-Tughlaq transfer his capital from Delhi to Daulatabad?
16. With which the executive power relating to concurrent subjects remain?
17. We cannot see during a fog. why?
18. Which situation makes a firm most efficient?
19. Silk textiles are mainly produced in which countries?
20. The Portuguese traveller, Nuniz visited Vijayanagar during the reign of which ruler?

Answer:
1. 3900-7600 A
2. Shoemaker-Levy 9
3. Reserve Bank of India
4. Mediterranean region
5. Practice of land grants
6. Chimpanzee
7. From civil cases only
8. Strontium and barium
9. Hungary
10. Rajaraja
11. Detroit
12. Diarrhea
13. Chronic diarrhoea
14. Carpet making
15. To control South India better
16. The Centre
17. Because of scattering of light
18. Lowest average costs
19. China and India
20. Achyuta Raya
1. Which type of coal is difficult to light in the open air?
2. Leukaemia or blood cancer is characterised by abnormal increase of which cells?
3. How many subjects are in the Union list?
4. Which instrument used for recording earthquake waves?
5. Which Mughal emperor gave land for the construction of the Golden Temple at Amritsar?
6. What does Oxidation involve?
7. Among South Asian countries which one is the Maternal Mortality Ratio (per 1,000 live births) lowest?
8. What is meant by ‘Underwriting’, the term frequently used in financial sector?
9. ‘Caldera’ is a feature associated with which thing?
10. Under the leadership of which Guru did the Sikh become a political and military force?
11. Which Part of plant is important for the life cycle of plant?
12. By which committee were Mandai Panchayats recommended?
13. What will be If a pendulum clock be taken from the earth to a revolving artificial satellite?
14. Which city is associated with the river Mekong?
15. Which decisive battle was fought during the Third Carnatic War between the English and the French?
16. Coolgardie lies in the Australian province of which direction?
17. Gum Gopi Krishna was a maestro of which dance form?
18. Which is an insectivorous plant?
19. A shipmet with an accident at 30°E and 35°N. Where was the ship was sailing?
20. Which gave an impetus to the growth of militant nationalism on a widespread scale?

**Answer:**
1. Why was the Panchayati Raj System adopted?
2. In colourful diamond, Why are different colours present?
3. From the view of International economy, What does third World imply?
4. Which is a land-locked country?
5. The ruler of which State was removed from power by the British on the pretext of misgovernance?
6. With which field was Satyajit Ray associated?
7. Which plant is referred to as a living fossil?
8. How long did the Constituent Assembly take to finally pass the Constitution?
9. What is the country through which both Equator and Tropic of Capricorn pass?
10. From where did the Quit India Movement start?
11. Which physical quantities have the same dimensions?
12. In which year did UN establish the UN Conference on Trade and Development?
13. Which Committee was formed to suggest means for eradicating black money?
14. The Karakoram Highway connects which pairs of countries?
15. Which Indian revolutionary helped Subhash Chandra Bose in raising ‘Indian National Army’?
16. Which crop would be preferred for sowing in order to enrich the soil with nitrogen?
17. Who was the President of the Constituent Assembly?
18. What is the number of unpaired electrons in carbon atom?
19. Which latitude passes through India?
20. Who propounded that ‘destiny determines everything, man is powerless?’

**Answer:**
1. Which is UN Programme and not special agency?
2. Who is the author of the famous novel ‘Gone with the Wind’?
3. Which mammal rolls itself into ball at the time of danger?
4. Which State has the largest forest area?
5. Sufi Kalam, a type of devotional music, is the characteristic of which state?
6. Which Directive Principle of State Policy has NOT been implemented so far?
7. When some detergent is added to water, what will be the surface tension?
8. What is the situation with increasing unemployment and inflation termed?
9. Port Blair - the capital of Andaman and Nicobar Islands, is located in which island?
10. What was the original name of Tansen, the most famous musician at the court of Akbar?
11. Which Sanskrit poet called as the Indian Shakespeare?
12. How many chamber are found in the heart of frog?
13. Which amendments accorded precedence to Directive Principle over Fundamental Rights?
14. Which is the biggest lake in India?
15. Which Indian ruler established embassies in foreign countries on modern lines?
16. In an atom the order of filling up of the orbitals is governed by which principle?
17. Which decade is celebrated as United Nations Decade for Women?
18. Which agency has the power to declare any industrial unit as a potentially sick unit?
19. Which are the west-flowing rivers of southern Indian which flow into Arabian Sea?
20. When was the Indus Valley Civilization flourished?

Answer:
1. Sex determination of child is done by whose chromosome?
2. Who is authorised to decide over a dispute regarding disqualification of a member of Parliament?
3. Who firstly demonstrated experimentally the existence of electromagnetic wave?
4. Which is not essentially a species of the Himalayan vegetation?
5. What are the main channels of our knowledge about the Indus Valley Civilization?
6. When is International Human Solidarity Day observed?
7. The United Nations declared 2001 as which International Year?
8. What is the effect of oversecretion of hormone from pituitary gland?
9. Which type of forest covers the maximum area in India?
10. What was the rate of land revenue as 'given in the dharma shastras'?
11. The Lok Sabha is called in session for at least how many times in a year?
12. Heating pyrites in air to remove sulphur is known as which name?
13. If the cash-reserve ratio is lowered by the Central bank, what will be its effect on credit creation?
14. The Matatila multipurpose project is located in which state?
15. What did the name ‘Ratnakara’ denoted in ancient Indian historical geography?
16. ‘Queen’s berry Rules’ is the name. give to the rules in which game?
17. By whom the concept of survival of the fittest as advanced?
18. When can the salaries of High Court judges be reduced?
19. Which shipyard is known for the manufacture of bargets, coasters and dredgers?
20. In which country was Buddhism first propagated outside India?

Answer:
1. There is no net transfer of energy by the particles of the medium in which waves?
2. Jaspal Rana is a distinguished athlete in which game?
3. Which provides the largest part of the demand for loanable funds in India?
4. Moho discontinuity lies at the depth of approximately howmany kilometers?
5. Who was well-known patron of the Mahayana of Buddhism?
6. From the evolutionary point of view, which is the most primitive animal?
7. By whom are the Chief Justice and other Judges of the High Court are appointed?
8. What is reduction of oxide with carbon at high temperature called?
9. Which is the highest plateau in the world?
10. Who authored the Tamil epic ‘Silappadikaram’?
11. S. Vijaya Lakshmi and Nisha Mohita are associated with which game?
12. How many gold medals did India win at the XIth Asian Games?
13. At what level does the Natura 2000 network operate?
14. Which atmospheric layer that reflects radio waves is called?
15. How is Manimekalai looked?
16. Where can the report of the UPSC discussed?
17. Conversion of chemical energy into electrical energy occurs in which thing?
18. What is the main source of revenue to meet different expenditures?
19. What is a line on a map which joins places having the same rainfall called?
20. Which Gupta king is famous for his courageous stand against the Hunas?

Answer:
1. Which game is Davis Cup associated with?
2. When did the last female Alpine ibex disappear in France?
3. To whom is the resignation letter of a State Public Service Commission member addressed?
4. Equatorial forest of the Amazon basin is known as by which name?
5. To which work is Devichandraguptam related?
6. Purification of petroleum is carried out by which method?
7. Saraswati Samman is given annually for outstanding contribution to which field?
8. From which sector is the largest contribution in India’s National Income?
9. Thick stems and thorny wax coated leaves are commonly found in which area?
10. Who is most famous for the establishment of an elaborate system of municipal administration?
11. What is the short upper part of the human intestine next to the stomach?
12. Which is the State having the largest population of scheduled castes?
13. Where will be the Time period in a vibration magnetometer infinite?
14. Which is considered to cause an adverse of effect on Indian monsoon?
15. Who was a lexicographer?
16. Who was the first Indian to be honoured with a lifetime achievement Oscar Award?
17. What can be the maximum length of a cricket bat?
18. Which technique can be used to establish the paternity of a child?
19. Which region does not receives much rainfall in the south-west monsoon season?
20. By whom was the city of Agra founded in 1504?

Answer:
1. Which country has the briefest Constitution in the world?
2. Which petroleum refinery product has the lowest boiling point?
3. In which policy India opted for ‘Mixed Economy’?
4. In which state has India’s largest private sector sea port been commissioned recently?
5. By whom was the 'Shahnama' written?
6. What is the distance between popping crease and stumps on cricket pitch?
7. By whom was Gene first isolated?
8. Who was the Chairman of the Drafting Committee of the Indian Constitution?
9. Which is the longest national Highway in India?
10. In which region of India was the Suharawadi order of Sufism popular?
11. By which impact is Nuclear fission is caused?
12. Which was the first woman to climb Mount Everest?
13. What is the task of the Planning Commission?
14. How many PIN CODE Zone divided in the country?
15. By whom was the Bhakti Movement first organised?
16. By whom was Insulin discovered?
17. How long did the Constituent Assembly take to finally pass the Constitution?
18. Which is purest form of iron?
19. Automatic approval upto 51 % in the infrastructure seety was given in which year?
20. During which reign was the East India Company founded in London?
1. Who was known as ‘Lady with Lamp’?
2. Which Indian origin immigrants became the Governor of Louisiana province of the USA in 2007?
3. From which part of the plant is turmeric obtained?
4. In order of their distances from the Sun, which planet lie between Mars and Uranus?
5. Which Rajput dynasties did not surrender to Akbar?
6. How type of right is Right to Information?
7. Which is used as a coolant in nuclear reactors?
8. What does M3 include?
9. Comets revolve around which body?
10. Where was Shivaji crowned as an independent king?
11. Meghnad Saha is known for his contribution in which field?
12. Which part of cinchona plant yields quinine?
13. Which right conferred by the Constitution of India is also available to non-citizens?
14. Which layer of the earth is believed to have the heaviest mineral materials of highest density?
15. Which saint name is associated with Shivaji?
16. Liquefied Petroleum Gas consists of mainly which gases?
17. ‘Kandla’ situated on the Gulf of Kachchh is well known for which purpose?
18. Which Mahatma Gandhi series of currency notes issued by the RBI has “ecology” depicted on it?
19. The mapping of which part of earth is most difficult?
20. By whom was Island of Bombay was given to the English Prince Charles II as dowry?

Answer :

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1. Which cytoplasmic organelles are treated as prokaryotic cells within the eukaryotic cells?
2. What is the minimum age for election/appointment as member of the Rajya Sabha?
3. When milk is churned, how does the cream separate from it?
4. In USA, which region receives heavy rainfall throughout the year under the influence of Westerlies?
5. Which first Europeans came to India?
6. When did man first land on moon?
7. Which is the secondary source of light in a fluorescent lamp?
8. Archaeopteryx had which reptilian characters?
9. Which cold and dense air blowing down the mountain slope during the night?
10. When was the monopoly of East India Company in trade brought under the control of the British Crown?
11. What is the minimum age for being the member of the Parliament?
12. Which elements is obtained from sea weeds?
13. Which is the regulatory authority for giving clearance for External Commercial borrowing?
14. Where are Grasses almost absent?
15. Who was impeached in England for his actions in India?
16. By using which technique, is DNA fingerprint done?
17. Which Bacteria convert atmospheric nitrogen into nitrogenous compound?
18. Which was the first woman Governor of a State in free India?
19. Which ecosystem covers the largest area of the earth’s surface?
20. During which movement was ‘Mahatma’ added before Gandhiji’s name?

**Answer:**
1. Glyoxysomes
2. 30 years
3. Due to the centrifugal force
4. North-western
5. Portuguese
6. 1969
7. Mercury vapour
8. Clawed wings, teeth on jaw, tail
9. Katabatic wind
10. 1773 A.D.
11. 25 years
12. Iodine
13. RBI
14. In tropical wet-evergreen forest
15. Warren Hastings
16. Southern Blotting
17. Nitrogen fixing bacteria
18. Mrs. Sarojini Naidu
19. Marine Ecosystem
20. Champaran satyagraha
1. Sound travels faster in which thing?
2. Who was the first General-Secretary of the Indian National Congress?
3. From when was the Zero Base Budgeting in India first experimented?
4. Rainfall in the doldrums is of the nature of which precipitation?
5. Which first Indian leader to undergo imprisonment in 1882?
6. Which type of microorganism is most widely used in industries?
7. What is the maximum number of elected members in a State Assembly?
8. In fireworks, how is the green flame produced?
9. Which term for natural vegetation is associated with Siberia?
10. During the Indian Freedom struggle, who started a journal “The Indian Sociologist”? 
11. Person is called ‘Desert Fox’?
12. National Agricultural Cooperative Marketing Federation is known what?
13. Water will be absorbed by root hairs, then how is when the external medium?
14. Which is not an important factor of climate of an area?
15. By whom was the Home Rule Movement in India was started?
16. By whom are Zonal Council provided?
17. Who does a liquid drop tend to assume a spherical shape?
18. With which Economic growth is usually coupled?
19. Where is the thermal equator found?
20. After whose name was a women’s division of the Indian National Army named?

Answer:
1. The United Nations declared 2013 as the International Year of which cooperation?
2. What is an instrument for measuring the rate of transpiration?
3. By whom was an inter-State Council set up in 1990 under Article 263 of the Constitution?
4. Which reflects back more sunlight as compared to other three?
5. Who started the newspaper Shome Prakash?
6. Which substance does not have a melting point?
7. How many votes are entitled for members of the UN Economic and Social Council?
8. In India, in which industry are maximum number of workers employed?
9. Which is the soil formed by wind dust in and around hot deserts?
10. In whose court was a Chinese embassy sent by Tang emperor?
11. For which snake is the diet mainly composed of their snakes?
12. On which date India became a Sovereign, democratic republic?
13. What minimum number of non-zero non-collinear vectors is required to produce a zero vector?
14. Where are Niagara Falls?
15. Which inscription mentions Pulkesin II’s military success against Harshavardhana?
16. What is the present strength of members in the Economic and Social Council of the UN body?
17. Which book was written by Graham Greene?
18. What structure is common to both earthworm and cockroach?
19. Which Strait connecting Arabian Sea and the Bay of Bengal?
20. Chandragupta Maurya figures prominently in whose book?

Answer:
1. Which act made the Indian Legislature bicameral?
2. By which a mixture of sand and naphthalene can be separated?
3. The ‘Uruguay Round’ negotiations resulted in the establishment of which organization?
4. Durand line is the border common to which two countries?
5. Who stated that there was no slavery in India?
6. Which film was made by Satyajit Ray for Children?
7. Which part of human brain is the regulating centre for swallowing and vomiting?
8. What is the duration of proclamation of Financial Emergency?
9. Which set of countries are completely surrounded by land?
10. Which ruler had granted Diwani to the East India company?
11. By which Radio waves of constant amplitude can be generated?
12. When is International Day of Peace, recognized by the UN is observed?
13. In which year was ‘Rajiv Gandhi Grameen Vidyutikaran Yojana’ launched?
14. Where is the southernmost point of India located?
15. Which factory in Bengal, the was established by the Portuguese?
16. Which is used to know the development of foetus in uterus?
17. During the proclamation of National Emergency which articles can not be suspended?
18. Which oil is used in the floatation method for the purification of ores?
19. What is the name of the group of languages spoken by the largest number of people in India?
20. Which was the first metal used by man?

**Answer:**
1. When is International Day for Tolerance, recognized– the UN is observed?
2. Which is the only golfer to win the Masters Tournament six times?
4. By which name does the Brahmaputra enter into India?
5. In which Aryans first settled?
6. At present the Rajya Sabha consists of how many members?
7. Which mirror is to be used to obtain a parallel beam of light from a small lamp?
8. In which year was Minimum inflation in post-economic reform?
9. The Tibetan river ‘Tsangpo’ enters India through which State?
10. On which thing did the Buddhism and Jainism both give stress?
11. The Asian Games were held in Delhi for the first time in which year?
12. Which is most primitive ancestor of man?
13. Who was the first speaker of the Lok Sabha?
14. In which city of India, the diurnal range of temperature is maximum?
15. To whom the Sarnath’s Lion Capital attributed?
16. What is the Number of water molecules present in Mohr’s salt?
17. The Dronacharya Award for Sports coaches was instituted in which year?
18. What does Inflation imply?
19. In which season is the frequency of tropical cyclones in the Bay of Bengal maximum?
20. Which silver coins Issued by the Guptas?
1. Which is considered a hot-spot of biodiversity in India?
2. What does the special status of Jammu and Kashmir imply?
3. Why are Metals good conductor of heat than insulator?
4. Where is pearl fishing well developed in India?
5. By whom was the rare work on architecture, Samarangana Sutradhara written?
6. Who was the first Indian to win the World Amateur Billiards title?
7. Who was the first asian to have received the Nobel Prize?
8. Which of a species describes the tropic function it fills in its environment?
9. What is the most important item of export among marine products from India?
10. Who was the first Sultan of Delhi to introduce the practice of 'Sijda'?
11. To whom is the Chief Minister of a State responsible?
12. A mixture of camphor and benzoic acid can be easily separated by which method?
13. Which is the oldest 'stock exchange of India'?
14. What is the approximate equatorial circumference of the earth?
15. Which Sultan of Delhi imposed Jazfya on the Brahmins also?
16. Who got the 'Bharat Ratna' award, before becoming the President of India?
17. Which vitamin is generally excreted by humans in urine?
18. What is the source of maximum income to Panchayati Raj?
19. Which is present in the largest amount in terms of percent by mass in the earth’s crust?
20. The Mansabdari system introduced by Akbar from which system was it borrowed from?

Answer:
1. If a material, placed in a magnetic field is thrown out of it, then how is the material?
2. Who became the first Indian to take 16 wickets in a single test match?
3. Stock Exchanges play a role in an economy how may it be termed?
4. Which is the highest lake above the sea level in the world?
5. The Maratha power reached the zenith of its glory during which reign?
6. A person who lives exclusively on milk, egg and bread is likely to become a victim of which disease?
7. Which is at the apex of the three tier system of Panchayati Raj?
8. In an organic compound, halogens are estimated by which method?
9. Which is the example of crater lake?
10. The ‘Misl’ of which Ranjit Singh was the leader?
11. Where is the headquarters of International Olympic Committee?
13. Which is known as ‘graveyard of RBCs’?
14. Exceptionally high rainfall is recorded in regions owing to which effect?
15. Which Land tenure systems was introduced by Lord Cornwallis?
16. Which can impose reasonable restrictions on the Fundamental Rights of the Indian citizens?
17. If the temperature of a semiconductor rises, what is its resistivity?
18. CENVAT is associated with which rate?
19. In which country has maximum damage to the forests been caused by acid rain?
20. By whom was Swaraj as a national demand first made?

Answer:
1. Who is the author of the book ‘Glimpses of World History’?
2. Which are the glands of the body which pour their secretions directly into the blood stream?
3. The Fundamental Right to Property has been deleted by the which Amendment Act?
4. Which state is with the largest area under waste land?
5. On which basis Montague-Chelmsford Report formed?
6. Which is the second most abundant metal in the earth’s crust?
7. The Vivekananda Rock Memorial is situated at which place?
8. Taxation and the government’s expenditure policy are dealt under under which policy?
9. Which is the highest peak in Andaman and Nicobar Islands?
10. Who attended the Second Round Table Conference as the representative of the Congress?
11. A typical human ribcage consists of how many ribs?
12. To whom the Vice-President’s letter of resignation is to be addressed?
13. ‘mho’ is the unit of which unit?
14. Which reservoir is constructed on Chambal?
15. Which were the patrons of Sangam, an assembly of Tamil poets?
16. Geeta Chandran is well known by which name?
17. Which plant is preferred for mixed cropping in order to enhance the bioavailability of nitrogen?
18. Which cell organelle is responsible for cellular respiration?
19. Which state was in the development of hydroelectricity the pioneering state?
20. Which dynasty did rule over Magadha after Nanda dynasty?

Answer:
1. Who has the authority to remove the Vice-President from his office before the expiry of his term?
2. Which is the most malleable metal?
3. For internal financing of Five Year Plans, the government depends on which source?
4. The altitudes of heavenly bodies appear to be greater than they actually are. Why is this?
5. During the Mughal period which trader first came to India?
6. A Fortgotten Empire’, written by the renowned historian Robert Sewell, is about which Empire?
7. Which group of plant produce naked seed?
8. What is the maximum strength of the nominated members in both the Houses of Parliament?
9. Who discovered the laws of planetary orbits?
10. Which God lost his importance as the first deity during the Later Vedic period?
11. Who gave the first experimental value of G?
12. Photochemical smog occurs in which climage?
13. What is the Planning Commission?
14. What do the surface of Earth that lies between the Tropic of Cancer and the Tropic of Capricorn?
15. Which is the most important divinity of Rigveda?
16. Which communicable disease is caused by bacteria?
17. Who is considered the guardian of the Public Purse?
18. What is the conversion of Fe++ to Fe+++?
19. What percentage of insolation is received by the earth’s surface?
20. Who was the famous Indo-Greek king who embraced Buddhism?

Answer:
1. If a ship moves from freshwater into seawater, what will happen?
2. Which was the first National Security Advisor of India who died recently?
3. What is the first compound which is fixed during photosynthesis?
4. At low elevation which cloud are to be found?
5. During which reign did both Vardhaman Mahavira and Gautama Buddha preach their doctrines?
6. Which Union Territory attained statehood in February, 1987?
7. The escape velocity from the surface of the earth does not depend on which body?
8. In India, which first bank of limited liability managed by Indians and founded in 1881?
9. Which colour types do not indicate fair or fine weather?
10. What is the name by which Ashoka is generally referred to in his inscriptions?
11. A. Nageshwara Rao is associated with which field?
12. To which are Phototrophic and Geotropic movements linked?
13. On which date was the State of Bombay was bifurcated into Maharashtra and Gujarat?
14. A place having an average annual temperature of 27°C and an annual rainfall of over 200 cm.where is this?
15. Which region did not form the part of Ashoka's empire?
16. Which is the most unreactive gas?
17. When was Inter-Governmental Authority on Development come into existence?
18. Which rural bank has been named after a river?
19. In which type of climate does the temperature never rise above 10°C throughout the year?
20. Which Gupta ruler was equally great in the art of peace, wars and personal accomplishment?

Answer:
1. Which substance found in blood which helps in clotting?
2. How can a major portion of the Constitution be amended?
3. What is the product of the time period of a wave and its frequency?
4. Which is the major oil producing area in U.S.A.?
5. Who contributed the Chalukya in Western India?
6. When was Lake Chad Basin Commission founded?
7. The popular TV serial ‘Neem ka Ped’ was written by which author?
8. Which Constitutional Amendments banned the floor crossing in Parliament?
9. Which country leads the world in the export of oil?
10. The Kalachuri era counted from A.D. 248 what was mostly in current?
11. What is the name of the scientist who stated that matter can be converted into energy?
12. By whom was the first estimate of national income in India made?
13. ‘Asian Drama’, by Gunnar Karl Myrdal, is a book on which subjects?
14. Where do the Earthquakes rarely occur?
15. Kamarupa is the old name of which state?
16. What is in a healthy person rate of heart beat on one minute?
17. When is the Constitution of India designed to work as a unitary government?
18. With the rise of temperature, what happens in the speed of sound in a gas?
19. Mostly in which region do Earthquakes and volcanoes occur?
20. Which region of northern India was not included in the empire of Ala-ud-din Khalji?

Answer:
1. Which decade is celebrated as decade of Action for road safety?
2. What is the sum total of incomes received for the services of labour, land or capital in a country?
3. Myxoe dema is disorder produced due to hypersecretion of which gland?
4. In which country is the world’s highest waterfall?
5. Who destroyed the group of Forty Nobles?
6. From which country, Constitution of India has adopted fundamental duties?
7. The isotopes of chlorine with mass number 35 and 37 exist in which ratio?
8. Which decade is celebrated as United Nations decade on biodiversity?
9. One will NOT have to pass through the Suez Canal while going from Bombay to which canal?
10. Who built Char Minar?
11. International Day for the Abolition of Slavery, is observed on which date?
12. What does protein deficiency in children usually between the age of 1 to 3 year cause?
13. Who was the member of the Rajya Sabha when first appointed as the Prime Minister of India?
14. Which country has the highest average of road length on per thousand square kilometer area basis?
15. On the ruins of which Hindu kingdom was the kingdom of Golconda founded?
16. When the radius of the T.G. coil is decreased, what does happen in its sensitiveness?
17. Unemployment occurs when workers move from one job to another job?
18. The United Nations declared 2014 as which International Year?
19. Which continent has the lowest birth and death rates?
20. Where is Buland Darwaza situated?

**Answer:**
1. Which disease is caused by bacteria and spread through faecal matter by houseflies?
2. Who is the ex-officio Chairman of Rajya Sabha?
3. Which colloids are solvent loving colloids?
4. Among the Union Territories of India, which one has the largest size?
5. During which reign was the Purana Qila constructed?
6. Which Australian player was known as ‘Fruitfly’ amongst the rest of the team?
7. Which type of unemployment mostly found in India?
8. What is a glass sided tank, bowl in which aquatic animals live?
9. Where are Shevaroy Hills located?
10. By whom was the Sikh Khalsa founded?
11. Under which act was the Supreme Court set up?
12. The resistance of material increases with temperature. What is this?
13. Pravin Amre and Vinod Kambli played for which province in South Africa?
14. Kodaikanal, the famous hill-station of South India, is situated on which hills?
15. On 13th April of which year Guru Gobind Singh established Khalsa?
16. The Olympic Museum was opened at which place?
17. The word “biodiversity” is a combination of which two words?
18. Which Judge of the Supreme Court was unsuccessfully sought to be impeached?
19. Which relates to the formation of the Himalayas?
20. The Maratha power reached its zenith during which Peshwaship?

Answer:

1. Which material is very hard and very ductile?
2. Which is called a ‘banker’s cheque’?
3. With Which game/sport is ‘Popping crease’ associated?
4. Which lake in India has the highest water salinity?
5. In which year did the Peshwa became the official head of Maratha administration?
6. Bhopal gas tragedy struck in the year 1984 due to the leakage of which gas?
7. Which was an associate State of India before becoming a full fledged State?
8. Einstein’s mass energy relation is given by which expression?
9. Which is the first company-managed major port in India?
10. Which Governor of Bengal committed suicide in 1774?
11. Pulitzer prize is awarded for outstanding work in which field?
12. Bouncing of cheques has become an offence. What is the punishment for the same?
13. All of the organisms living in a particular area, what do they make up?
14. How can fertility of soil be improved?
15. By whom was the Vernacular Press Act was passed?
16. By whom is Recognition to a political party accorded?
17. Which was the scientist who was responsible for the rejection of vital force theory?
18. Which award is associated with Agriculture?
19. What type of farming is practised in the densely populated regions of the world?
20. In which year Delhi became the capital of India?

Answer :
1. Who has taken maximum wickets in one-day internationals?
2. By which fission does Leishmania, the causative agent of kala-azar, multiply asexually?
3. From which date shall the tenure of every Panchayat be for five years?
4. The last three digits of a PIN code represent?
5. Who was the Viceroy of India at the time of Jallianwala Bagh Massacre?
6. Which rays will deflect in electric field?
7. Why is the Gross National Income always more than Net National Income?
8. In which country was the 2010 Football World Cup held?
9. Nal Sarovar Bird Sanctuary is located in which state?
10. What was the first venture of Gandhiji in all-India politics?
11. Which disease is caused by the bite of a mad dog?
12. Which is not the concern of the local government?
13. Most of hydrocarbons from petroleum are obtained by which method?
14. Which current is produced by upwelling of water off the coast of Chile and Peru?
15. During the reign of which Indian National Congress banned and over 1,20,000 persons were arrested?
16. The Musalman, the handwritten daily newspaper in circulation since 1927, is published from which place?
17. Under VAT, how many slabs are there?
18. From the biological evolutionary point of view, the human heart is close to the heart of which animal?
19. Where does the cold Labrador current bring nine months winter?
20. Who led the agitation against the Partition of Bengal (1905)?
1. In which year was the Constituent Assembly which framed the Constitution for Independent India set up?
2. The mass-energy relation is the outcome of which theory?
3. Who is the author of the book ‘India Remembered’?
4. Local thunderstorms ‘Norwesters’ are prominent in which state?
5. Who among the following had led the Swadeshi Movement in Delhi?
6. What are the total members of Security Council?
7. Wisdom teeth normally grow during which age?
8. Who presided over the inaugural meeting of the Constituent Assembly of India?
9. If the atmosphere is cooled, what is its capacity for water vapour?
10. A Buddhist Council during the reign of Kanishka was held at which place?
11. Which alloy used in making heating elements for electric heating devices?
12. By which ministry is Economic survey published?
13. Which organ of UNO is considered as world parliament?
14. A majority of the population of New found land are engaged in which profession?
15. Which dynasty was associated with Gandhara school of Art?
16. Which disease is characterized by inflammation of the membranes covering the brain and spinal cord?
17. Between which a government is federal or unitary on the basis of relations?
18. Which purified oil does Aviation fuel for jet aeroplanes consist?
19. Which country produced 127 lakh metric tones fish in 2010?
20. Who was appointed by Ashoka to administer justice in his empire?

Answer:
1. Which is the first multipurpose river valley project of independent India?
2. Who was the first Deputy Chairman of Planning Commission of India?
3. What is Amnesia?
4. Recently reserves of diamond have been reported in Madhya Pradesh from which place?
5. By which name was Chanakya known in his childhood?
6. The Ninth Schedule was added by which Amendment?
7. The filament of an electric bulb is made of which metal?
8. Who is associated with Tashkent Agreement?
9. Which metal is used for generation of Nuclear Power?
10. In India, where did the Dutch establish their earliest factory?
11. Which two countries follow China and India in the decreasing order of their populations?
12. What is the normal cholesterol level in human blood?
13. Which was the first woman film star nominated/ elected to the Rajya Sabha?
14. Anantapur district in Andhra Pradesh is famous for which metal?
15. Which was the first fort constructed by the British in India?
16. On which conservation law, does a rocker work?
17. To which duties is the system of value added taxation applicable?
18. Ogaden region has been a source of conflict between which countries?
19. Silver is obtained from the lead & Zinc ares of Zawar mines in which city?
20. In Indus Valley, which one indicates the commercial and economic development?

**Answer :**
1. What is Syrinx?
2. By whom is the Speaker of the Lok Sabha elected?
3. Which is the best conductor of electricity?
4. Which of the planets is nearest to the earth?
5. In which year was the Indus Valley Civilisation discovered?
6. Which first woman to become a Chief Minister of any State in India?
7. How many of Banks were nationalised since 1969?
8. Which modification of root does not store food?
9. Which planet is known as the Earth’s Twin?
10. Purushsuaka is a part of which veda?
11. What does the special status of Jammu and Kashmir imply?
12. Through which material does sound travel slowest?
13. What are the brothers Umakant and Ramakant Gundecha?
14. How much the equatorial circumference is greater than the polar circumference?
15. Which was common both to the Harappan society and the Rigvedic society?
16. Which UN agency has its headquarters at Paris?
17. Vegetative propagation by stem cutting is generally foundation of which plant?
18. To whom is the Chief Minister of a State responsible?
19. What is the distance of the equator from either of the poles?
20. Who was the President of the First Buddhist Council held at Rajagriha?

Answer:
1. By which method is the age of most ancient geological formations estimated?
2. Which tax is levied by the Union and collected and appropriated by the States?
3. Ban-Ki-Moon the Secretary general of UNO belongs to which country?
4. Which layer of the atmosphere provides ideal conditions for flying of jet aeroplanes?
5. In which state had Gautama Buddha had attained Mahaparinirvan?
6. Most of the plants obtain nitrogen from the soil in which from?
7. Who is the Father of local self government in India?
8. If the temperature inside a room is increased, what will be the relative humidity?
9. Which constituents of the atmosphere causes greatest changes in climate and weather?
10. Who was the last ruler of Sunga dynasty?
11. What was the pen name of Bankim Chandra Chattopadhyae?
12. Which is not a direct tax?
13. Which fungus is responsible for disease late blight of potato?
14. Which type of forest belt supplies most of the world’s requirement of newsprint?
15. Who were the first to establish trade contacts with the Roman empire?
16. With which amendment act has Panchayati Raj received constitutional status?
17. Which polymer is used for making bulletproof material?
18. ‘Man-The Maker of His Own Destiny’ book was written by which person?
19. Which climatic type suffers change due to shifting of the World’s Pressure Belts?
20. Who is considered to be the father of Ayurveda?

Answer:
1. The United Nations declared 2012 as the International Year of which thing?
2. Which gland is both exo and endocrine gland?
3. By whom was the Constitution of India adopted?
4. By which the maximum amount of energy in the present day world is provided?
5. In ancient India, Nalanda University was a great centre for the study of which religion?
6. The first law of thermodynamics is concerned with the conservation of which thing?
7. Which state produces maximum Soya bean?
8. When is World Day for Water, recognized by the UN observed?
9. Which country is rich in oil?
10. By whom was the first Muslim invasion of India lead?
11. Which blood vessel bringing blood into Bowman’s capsule?
12. When was the Constituent Assembly for undivided India first met?
13. Which are macro-nutrients provided by inorganic fertilizers?
14. Which proper order of seismic waves as they are received at seismograph station?
15. The Arab conquest of Sind took place in which year?
16. The United Nations declared 4th week of September which week?
17. What percentage of country’s demand for natural rubber is met by in indigenous production?
18. Which causes the disease syphilis?
19. Which European country has over 200 volcanoes, many of them still active?
20. Which was the medieval ruler who was the first to establish a ministry of agriculture?

**Answer:**
1. Which right conferred by the Constitution of India is also available to non-citizens?
2. What is the relative permeability of a paramagnetic material?
3. The United Nations declared 2008 as which International Year?
4. On which thing Erosion of soil by a river mainly depends?
5. What was the main basis of social organization in India during the early medieval period?
6. Which country stood second in the 1992 Barcelona Olympics medal tally?
7. Where is the national institute of nutrition located?
8. Which is a human right as well as a fundamental right under the Constitution of India?
9. What is the average salt content in a litre of sea water?
10. Why is Sher Shah is well known for his administrative skill,?
11. In which Tyndall effect is not observed?
12. Which can be used for checking inflation temporarily?
13. Dhyan Chand’s name is associated with which game?
14. Which are the “Horn of Africa”?
15. By whom was the Sarak-i-Azam which ran from the Indus to Sonargaon (in Bangladesh) built?
16. Which is Nuclease enzyme begin its attack from free end of polynucleotide?
17. After howmany years One-third of the members of the Rajya Sabha retire?
18. A soap bubble is given negative charge then what happen in its radius?
19. Israel has common borders with which countries?
20. The Upanishads were translated into Persian by the orders of which rular?

Answer :
1. The World Food Prize is given by which organisation/world bodie?
2. Who are not protected against inflation?
3. For which is the southern blot technique used for the detection?
4. Which is the State with the largest area under waste land?
5. ‘Padmavat’ of Malik Muhammad Jaisi, a notable, work in Hindi, was completed during which reign?
6. A Money Bill passed by the Lok Sabha has to be passed/returned by Rajya Sabha within howmany days?
7. What dose not contain a hydrophobic structure?
8. How many Nobel Prizes have been awarded so far to Indian citizens?
9. In which is the largest population of Scheduled Tribes?
10. Who commanded the Maratha army in the third battle of Panipat?
11. Tejaswini Sawant is the first Indian woman to be crowned World Champion in which sports?
12. Which is the richest source of ascorbic acid?
13. Which worm reach into intestine of human by eating leaf?
14. Palghat joins which states?
15. In which year was Bombay was acquired by the English from the Portuguese?
16. How can a Change in distribution of powers between the Centre and the States be done?
17. Which is electrical circuits used to get smooth de output from a rectified circuit called?
18. By which bill does the government make arrangement for the collection of revenues for a year?
19. Which forms the western boundary of the Indian sub-continent?
20. Uplift of the backward classes was the main programme of which famay?

Answer :
1. Which international tennis event is played on a grass court?
2. By which would Desert plants be characterised?
3. The distribution of power between Centre and the States is based on which scheme?
4. Which soil is best suited for cotton?
5. By whom was the practice of Sati was declared illegal?
6. What is the most satisfactory method for separating sugars?
7. Who is the author of 'Business @ Speed of Thought'?
8. Which is the ‘basis for determining the national income’?
9. On the basis of the process of their formation, which soil is formed differently from the other three?
10. Which helped to develop close ties between the government and the masses?
11. Alzheimer’s disease in human beings is characterised by which degeneration?
12. Which Amendment provided for an authoritative version of the Constitution in Hindi?
13. The absorption of radio waves by the atmosphere depends on which thing?
14. Which crop requires continuous semiaquatic condition for cultivation?
15. Who was the leader to have the unique distinction of firing the first shot in the rebellion of 1857?
16. ‘Na Khatma Hone Wali Kahani’ is the autobiography of which person?
17. The world famous ‘Khajuraho’ sculptures are located in which State?
18. Why is the yellow colour of urine?
19. Which state is the largest producer of coffee?
20. In the Interim Government formed in the year 1946, who held the portfolio of Defence?

Answer :
1. After how many years is the President of USA is elected?
2. Which enzyme changes maltose into glucose?
3. Economic Planning is a subject of which list?
4. On planet Earth, where is no centrifugal force?
5. From where did Mahatma Gandhi start his historic Dandi March?
6. Who is considered as the inventor of the World Wide Web (WWW)?
7. Which of the following will provide maximum roughage to our diet, if taken in equal mass?
8. Which Act gave representation to Indians for the first time in the Legislature?
9. Which planet has the longest day and the shortest year?
10. Who first voiced the idea of a separate Muslim state in India?
11. Which polymer is widely used for making bullet proof material?
12. Which was the crop during the 13th and 14th Centuries A.D. the Indian peasants did not cultivate?
13. What is the mean of ‘Take off stage’ in an economy?
14. The equator cuts through which island?
15. Who was responsible for the integration of Indian Princely States?
16. Which three important micronutrients are essential for humans?
17. By which act did the Crown take the Government of India into its own hands?
18. What are Carbon, diamond and graphite together called?
19. Which city is associated with the river Mekong?
20. By which was Yavanika (Curtain) introduced in Indian theatre?

Answer:
1. What is the name given to an almost circular coral reef inside which there is a lagoon?
2. Chocolates can be bad for health because of a high content of which element?
3. In which Photosynthesis occurs?
4. Which are the important species of the Mediterranean biome?
5. At which place was the headless statue of Kanishka found?
6. Who has the power to form a new State within the Union of India?
7. By whom was Electron first identified?
8. When was EXIM Bank set-up?
9. The annual average rate of net plant production is highest in which forests?
10. The religious literature of the Jains at the early stage was written in which language?
11. Which animal can tolerate more summer heat?
12. What is the estimation of age of woody plant by counting annual ring?
13. In whom the executive authority of the Union is vested by the Constitution?
14. Kula, Kufri, Kajjair and Dalhousie are all tourists place of which state?
15. Of which Religion-wise the sculpture were found at Kankali tila in Mathura?
16. Galvanised iron sheets have a coating of which metal?
17. By whom was the famous ‘Kirti Stambha’ at Chittor built?
18. Which is at the apex of Industrial Finance in India?
19. Which state receives rainfall from north-east monsoons?
20. Where are the traces of Portuguese culture found in India?

**Answer :**
1. Atoll
2. Nickel
3. Chloroplast
4. Pine, cedar, fir
5. Mathura
6. President
7. J. J. Thomson
8. 1982
9. Temperate forest
10. Ardhamagadhi
11. Donkey
12. Dendrochronology
13. President
14. Himachal Pradesh
15. Jaina
16. Zinc
17. Rana Kumbha
18. Industrial Development Bank of India
19. Tamil Nadu
20. Goa
1. Soft drinks such as cocoa contain significant quantities of which thing?
2. By whom is the Chairman of the Public Accounts Committee of the Parliament appointed?
3. How must be the lines of force of a uniform magnetic field?
4. The Varansi Kanyakumari National Highway is called which national highway?
5. Which of the British Officials defeated Portuguese at Sowlley?
6. Name of S. Chandrashekhar is associated with which subject?
7. Which is the official language of Central Bank of West African Bank?
8. What is the transfer of pollen grain from pollen sac to stigma called?
9. What is in terms of the railway system India’s position in the world?
10. Where was the first iron and steel industry of India established?
11. Who decides whether a particular bill is a Money Bill or not?
12. Chlorophyll is a naturally occurring chelate compound in, what is the central metal in this?
13. What is the most appropriate measure of a country’s economic growth?
14. Which is the brightest planet?
15. Who used the phrase ‘Un-British’ to criticize the English colonial control of India?
16. Which is UN special agency and not programme?
17. What is the Study of integrated use of microbiology, biochemistry and engineering?
18. Where is ‘Federal’ used in the Constitution of India?
19. Which planet takes the same number of days for rotation and revolution?
20. Which element of Hinduism was practised in the Indus Valley Civilization?

Answer:
1. When a ray of light is going from one medium to another, how is its frequency?
2. Who is the author of “The Kalam effect: My years with the president”?
3. CENVAT is associated with which rate?
4. At the summer solstice, which latitude will have the longest night?
5. What was the script of Indus Valley Civilization?
6. Which branch of science deals with the study of tissue found in the body of organism?
7. By whom is Recognition to a political party accorded?
8. For which thing is Washing soda the common name?
9. Through where does the Tropic of Cancer passes?
10. What are Brahmanas?
11. Who is the author of the book ‘Freedom from Fear’?
12. When is Doctor’s Day, Bidhan Chandra Roy Birth Day is observed?
13. Which hormone is injected into cow and buffalow during milking?
14. What happens when a sudden fall in the barometric reading?
15. What is the meaning of “Buddha”?
16. Which Amendment provided for an authoritative version of the Constitution in Hindi?
17. Heat given to an ideal gas under isothermal conditions is used in which work?
18. How long does India’s economic zone extend miles off its coast?
19. How is the Relative humidity of the atmosphere directly affected?
20. Kautilya was the Prime Minister of which Indian ruler?

Answer:
1. When is World Day for Audiovisual Heritage, recognized by the UN observed?
2. Maximum nutritive element absorbed by blood from which part of alimentary canal?
3. Under whose signature are the members of All-India Services appointed?
4. Which climate best suited for horticulture?
5. Before ascending the Maurya throne, How was Ashoka served?
6. From which one among the following water sources, the water is likely to be contaminated with fluoride?
7. In which year did the first modern Olympic Games take place?
8. Which neighbouring country has objections on Indian Baglihar Hydro-electric Project?
9. Which region does not receive most of its rainfall during winter?
10. What were the two colossal images of the Buddha at Bamiyan?
11. Which genetic disease is sex-linked?
12. What is the part of the Constitution that reflects the mind and ideals of the framers?
13. When will a hot body radiate maximum energy?
14. Which African country is richer than others in gold and diamond?
15. Who has been called the 'Napoleon of India'?
16. Yondieki who set up a new world record in 10,000 meters race, belongs to which country?
17. How many players are there on each side in a women’s Basketball game?
18. Who proved that DNA is the basic genetic material?
19. Which is the leading producer of sulphur?
20. During the reign of which Pallava ruler did the Chinese pilgrim Hieun Tsang visit Kanchi?

Answer:
1. What does the Preamble of our Constitution continue?
2. Which will you put into pure water in order to pass electric current through it?
3. Of the various ways of financing government’s investment expenditure, what is the least inflationary?
4. In which country are ‘Dykes’ especially constructed?
5. What was Sher Shah’s real name?
6. Where did the 1st ODI match was played in India?
7. “Green house effect” with respect to global warming refers to which effect?
8. Which State has the largest percentage of reserved parliamentary seats?
9. For which landform is Colorado in U.S.A. famous?
10. Which battle was fought in 1192 A.D.?
11. A far-sighted person has a near point at 100 cm. What must be the power of the correcting lens?
12. Which Indian was honoured by the World Statesman Award, 2012?
13. By which band is Monetary policy regulated?
14. Strait of Florida runs in between which water bodies?
15. During whose reign did the Mongols first invade India?
16. What is the green color of plants produced from organelles?
17. According to which system are the members of the Rajya Sabha elected?
18. Which fuel causes minimum environmental pollution?
19. Which Strait separates Asia from North America?
20. Who was contemporary of Namdev?

**Answer:**

1. The ODI Player of the Year 2012’ Award was given by ICC to which India cricketer?
2. Who has created world record in the men’s 100 metres sprint event at 2008 Olympic Games?
3. Which cell organelles function as the power house of a living cell?
4. Which States of the U.S.A. are attached to Mexico?
5. Who was the earliest Sufi Saint to have settled at Ajmer?
6. The members of the State Legislative Assembly are elected for what period?
7. How many image can a man see if he stands between two plane mirrors inclined at an angle of 60°?
8. What is the basic attribute of a formal organization?
9. Khartoum is situated at the confluence of which rivers?
10. Under which reign did Mughal Empire extend up to Tamil territory in the South?
11. The Winter Olympic came into being in which year?
12. By which Transfer of genetic information from one generation to the other is accomplished?
13. Which one feature is distinguishing the Rajya Sabha from the Vidhan Parishad?
14. Which is the southernmost city?
15. Which Rajput mansabdar revolted against Aurangzeb?
16. Which hydrocarbon is mainly present in gobar gas?
17. Who wrote the book Babubivah?
18. If the price of an inferior good falls, what about its demand?
19. Which gulf would have to be crossed to reach Sri Lanka from Nagercoil?
20. Which was the last governor of Bengal appointed by the Mughal emperor?

Answer:
1. Where do Sweat glands occur in greatest number?
2. What is the electorate for a Panchayat?
3. The cause of fractional atomic weights of elements?
4. The second largest river basin in India is of which river?
5. Which Sikh Guru called himself the ‘Sachcha Badshah’?
6. Who wrote “The Communist Manifesto” along with Kari Marx?
7. In acronym SAARC, ‘C’ stands for which word?
8. What is the total number of bones in human skull?
9. Which is the second largest basin in Peninsular India?
10. Who was the first Indian to get selected in ICS?
11. For which period does Mayor of a Municipal Corporation hold the office?
12. Which gas has maximum calorific value?
13. In which sector is 70% of working population of India engaged?
14. Why do Coastal Andhra Pradesh and Orissa often face natural disasters?
15. Who was the first Governor General of Bengal?
16. When did India join the United Nations?
17. The fossil of Archaeopteryx represents the evidence of origin of animals?
18. Who was the President of the Constituent Assembly?
19. Why does Mumbai receives more rainfall than Pune?
20. What was the real name of Tantiya Tope?

Answer:
1. Which rays can pass through 20 cm thickness of steel?
2. Which characteristic is common among parrot, platypus and kangaroo?
3. In India, in which banking is the Public Sector is most dominant?
4. Which does not have a unit of Hindustan Aeronautics Ltd (HAL) ?
5. Who was the British PM at the time of Revolt of 1857?
6. AIDS is caused by Human Immundeficiency Virus (HIV), What is this?
7. By whom was the Cabinet Mission to India headed?
8. Phosgene is obtained by the reaction of carbon monoxide and which gas?
9. Where are Diesel locomotives manufactured?
10. Who advocated the policy of abolishing princely states in free India?
11. Which petroleum refinery product has the lowest boiling point?
12. SIMBEX is an annual joint maritime bilateral exercise conducted between which countrys?
13. By whom were Species Plantarum and Systema Natural written?
14. What is the process that result in the breakdown of rocks and minerals in situ ?
15. Who were considered constitutionalist within the Indian National Congress?
16. Which is a human right as well as a fundamental right under the Constitution of India?
17. Old-written material, which cannot be read easily, how can be read?
18. Which is the largest Public Sector Bank in India?
19. Which sets indicated the Aeolian process?
20. Who was instrumental in bringing the Extremists and the Moderates together at Lucknow?

Answer :
1. Which is nuclear-capable submarine-launched ballistic missile?
2. Medicine for high blood pressure is obtained from which species?
3. How many times has National Emergency been declared?
4. Because of which factor, clouds do not precipitate in deserts?
5. Who headed the Cabinet Mission?
6. Which compound does not contain an OH group?
7. Who has been appointed as the chairman of Central Electricity Authority?
8. Who is responsible for the collection and publication of monetary and financial information?
9. What is the quantity of water in a particular volume of air called?
10. The description of the administration of Pataliputra is available in which book?
11. When does a cell increase in volume?
12. Under which act was the Supreme Court set up?
13. Mesons are found in which rays?
14. Lichens and Mosses are characteristic vegetation of which zone?
15. Who also had the name Devanama Piyadasi?
16. Who was thrice elected President of the Indian National Congress?
17. How many member country are there in Commonwealth Nations?
18. Which plant yields biodiesel or biofuel?
19. What is associated with a savanna climate?
20. Who was a contemporary of Alexander, the Great?

Answer:
1. Which Judge of the Supreme Court was unsuccessfully sought to be impeached?
2. Maximum hydrogen bonding would be observed in which compound?
3. Taxation and the government’s expenditure policy are dealt under under which policy?
4. Slash and burn agriculture in North Eastern State is Known by which name?
5. Which historical personality of India is also known as Vishnugupta?
6. Which organization issue the rules of global trade?
7. Which enzyme is found in human saliva?
8. By whom is the Area of Lok Sabha Constituency for the purpose of general election determined?
9. Telangana region represents type of vegetation?
10. Who were the first Europeans to reach India for trade?
11. A liquid will not wet the surface of solid if the angle of contact is which angle?
12. Which decade is celebrated as First International Decade of the World’s Indigenous People?
13. What is the main source of revenue to meet different expenditures?
14. On which planet of the solar system does the sun rise in the west and set in the east?
15. The English East India Company founded a permanent factory at Surat in which year?
16. What is the normal temperature of human body on the kelvin scale?
17. After howmany years is Election of Rajya Sabha held?
18. What is the average salinity of sea water?
19. Which planet of the solar system has the longest day?
20. What was the main occupation of the people of the Indus Valley civilization?

Answer :
1. Which decade is celebrated as First United Nations Decade for the Eradication of Poverty?
2. International voluntary blood donation day is observed on which date?
3. Why can Insects move on the surface of water without sinking?
4. Which minerals occurs abundantly in the Earth’s crust?
5. Which Harappan site had a dock?
6. Pneumoconiosis affects the workers who work mainly in which industry?
7. On which Panchayat did the Ashok Mehta Committee greater emphasis?
8. Which has the largest livestock population in the world?
9. The tide at its maximum height is known by which name?
10. Which Veda throws light on the beliefs and practices of the non-Aryans?
11. The United Nations declared 2009 as which International Year?
12. Lathyrisn is caused by excessive consumption of which thing?
13. Under which Ministry of the Government of India does the Food and Nutrition Board work?
14. Where are the Local thunderstorms ‘Nor’ westers’ prominent?
15. The code of conduct of the Vedic society was laid out in which text?
16. What are the metallic constituents of hard water?
17. Who broke Pete Sampras’s record of maximum Grand Slams in tennis?
18. With which was Tarapore Committee associated?
19. What is the dense mass of small water drops on smoke particles in the lower layers of the atmosphere?
20. Who was the founder of the Nanda dynasty?

**Answer:**
1. How many orangutans disappear each year as result of palm oil farming?
2. Who decides about the reasonableness of the restrictions placed on Fundamental Rights?
3. Microwaves are electromagnetic waves with frequency, in the range of which unit?
4. Mosses and Lichens are the characteristic vegetation of which region?
5. Who was a great ruler of Kalinga in ancient times?
6. Makers of which types sponsor Indian ace Narian Karthikeyan?
7. Where will the winter youth Olympics Games 2016 be held?
8. Which specy of rhinoceros is said to be the most critically endangered species?
9. Trees with hardwood and dense canopy are generally found in which forests?
10. What was the language of the Satavahana inscription?
11. By whom is the Separation of the Judiciary from the Executive enjoined?
12. According to Dalton’s atomic theory, which is the smallest particle which can exist independently?
13. Which Mahatma Gandhi series of currency notes issued by the RBI has “ecology” depicted on it?
14. In India, which type of forest occupy the largest area?
15. The great grammarian Patanjali of ancient India was whose contemporary?
16. Which was the first Asian lady swimmer to have crossed the English Channel?
17. Which creature is featured on the logo for International Year of Biodiversity 2010?
18. To which Bill the President must accord his sanction without sending it back for fresh consideration?
19. Where is Over 90% of the world’s biomass?
20. Who deciphered the Brahmi script?

**Answer:**
1. Who firstly predicated the existence of electromagnetic waves?
2. Who is the winner of Saraswati Samman 2012?
3. When was decimal coinage introduced in India?
4. Why have continents have drifted apart?
5. Which ruler was adorned with the title of 'Maharajadhiraja' (King of Kings)?
6. What represents the most complex level?
7. Which was the first woman film star nominated/elected to the Rajya Sabha?
8. Which type of glass is used in making lenses and prisms?
9. Which is the smallest water body?
10. In ancient peninsular India, who assumed the title 'Vatapikonda'?
11. The Golden Palmd’or award at the 65th Cannes Film Festival was received by which person?
12. Which Indian batsman made three consecutive centuries in his first three Test matches?
13. Which is the largest flower in the world?
14. Which European country borders Atlantic Ocean?
15. Prithviraj Chauhan belonged to which Rajput dynasty?
16. Whose prior consent can the Money Bills be introduced in the State Legislature?
17. The intensity of a magnetic field is defined as the force experienced by which pole?
18. Among Indian Economists who had done pioneering work on National Income?
19. Which country makes maximum use of the geothermal energy?
20. Under which Sultan, Khalisa land increased considerably?

Answer :

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1. The term ‘Butterfly Stroke’ is associated with which game?
2. Which vitamin is very liable and easily destroyed during cooking as well as storage?
3. Who acts as the Chancellor of State Universities?
4. Which current is produced by upwelling of cold water off the coast of Chile and Peru?
5. By whom was the structure of Qutab Minar was completed?
6. In which process, a nucleus spontaneously breaks down by emitting radiation?
7. ‘Alice in Wonderland’ the famous TV Serial, is based on a book written by which author?
8. Who was the chairman of National Income Committee?
9. In which country are the broken hill famous for zinc and lead?
10. When Akbar was young, Who was his guardian?
11. Which organ destroys worn out RBCs in the body of a vertebrate?
12. Which State has no Panchayati Raj Institution at all?
13. Fluorescent tubes are fitted with a choke. What does the choke coil?
14. The Vindhyas belong to which class of mountains?
15. In which year Akbar assumed actual control over the administration of his empire?
16. Who wrote the book ‘A Passage to India’–
17. Barack Obama, the President of America, comes from which American States?
18. What is the normal temperature of human body on the Kelvin scale?
19. Maharashtrian Plateau is made up of which?
20. By whom was Nishat Garden built?

Answer:
1. Who is the executive head of a Municipal Corporation?
2. What is the maximum number of hydrogen bonds in a H₂O molecule?
3. How is the contribution of agriculture to India’s economy?
4. Which tributary of the Ganga System flows northwards?
5. Which Mughal ruler banned music and dancing?
6. Who is the first Air Chief to receive the honour of “Marshal”?
7. Which chemical is most suitable to control storage insects on a small scale?
8. How did Constituent Assembly arrived at decisions on the various provisions of the Constitution?
9. Which river originates at Amarkantak?
10. Who succeeded Siraj-ud-Daulah as Nawab of Bengal after the Battle of Plassey?
11. For television broadcasting, what frequency is employed normally?
12. Kourou city is well-known for which purpose?
13. Which body finalises the Five Year Plan proposals?
14. Which are the leading states in the production of cotton in India?
15. Where did Shahjahan build the Moti Masjid?
16. What is the study of the relation of animals and plants to their surroundings called?
17. What was the most profound influence on the drafting of the Indian Constitution?
18. The nitrogen percentage is the highest in which fertilizer?
19. Which State has the largest number of sugar mills?
20. Among which class did Indian National Congress find wide acceptance initially?

Answer:
1. If you wish to visit Golconda Fort, you will have to go to which state?
2. Which biome has the highest species diversity?
3. By whom was first successful vaccine against virul disease of small pox discovered?
4. Kanha National Park belongs to which biogeographical area in the world?
5. In which year was Vande Mataram first sung at the session of the Indian National Congress?
6. The five year term of the President is calculated from which day?
7. Which effect shows particle nature of height?
8. Of which purpose was Nationalisation of banks done?
9. Which planet is known as veiled planet?
10. Which State was first annexed by Lord Dalhousie under the Doctrine of Lapse?
11. Which continent has the lowest growth rate of population?
12. Nitrogen fixing bacteria is useful in growing which crop?
13. If the President wants to resign from office, he may do so by writing to whom?
14. Which is the largest fresh water lake in the world?
15. Which leader of the Revolution of 1857 had the real name of Ram Chandra Pandurang?
16. Activated charcoal is employed to remove colouring matter from pure substance, it work?
17. Other than India and China, which group of countries border Myanmar?
18. Word Bull and Big are associated with which branch of commercial activity?
19. Which is the largest river in the world?
20. Mahatma Gandhi gave the call ‘Do or Die’ during which movement?

**Answer :**
1. Respiration can occur in the absence of oxygen in which thing?
2. How many times was the term of the Lok Sabha extended upto 6 years?
3. Optic fibres are mainly used for which purpose?
4. Asia has large areas of inland drainage. Why is it so?
5. Pandit Jawaharlal Nehru was born in which year?
6. Which was the first to legalize euthanasia?
7. Chanda Kochhar leads to which of the organisation?
8. What is the selectively permeable membrane of the cell?
9. Which country in Africa has luxurious tropical rain forests?
10. Where has the largest concentration of Harappan sites been found?
11. In which of the Parliamentary Financial Committees is the Rajya Sabha not represented?
12. Which compound gives both ninhydrin test and Molisch’s test?
13. In which year was Tax collection of Central govt. lowest as compare to G.D.P.?
14. The greatest diversity of animal and species occurs in which forest?
15. Where was a copper chariot of Harappa times was discovered?
16. Baan Ki-moon, the UNO Secretary-General belong to which country?
17. Which unicellular non-pathogenic parasite is found in the human intestine?
18. The States Reorganisation Act created howmany States and Union Territories?
19. In which valley is the Himalayan pass Shipki La located?
20. Which Chola ruler converted the Bay of Bengal into a ‘Chela lake’?

Answer:
1. Which rays are most penetrating?
2. The headquarters of Organization of Petroleum Exporting Country is located in which city?
3. In India, in which was the service tax first introduced?
4. Macmohan Line demarcates the boundary between which countries?
5. Who laid the foundation of Rashtrakuta Empire?
6. Which is the largest phylum in the animal kingdom in respect of number of species?
7. Which is not administered by a Lieutenant Governor?
8. Which of the following carbohydrates is most abundant in nature?
9. On which river are Tikarpara and Jaraj dams constructed under a multipurpose project?
10. Which ruler at first assumed the title of ‘Hazrat-i-Ala’ and afterwards ‘Sultan’?
11. In which year was the Indian Space Research Organization (ISRO) founded?
12. Who is the author of the book “Superstar India From Incredible to Unstopable”?
13. Which is largest cell organelles?
14. What is the major source of iron ore for Visakhapatnam?
15. Mughal dynasty was to Bahadur Shah ‘Zafar’ as Lodi dynasty was to which ruler?
16. What is the document published by the government to apprise the public on any issue?
17. Which is a good conductor of electricity?
18. Of which allocation does Gadgil Formula refer to?
19. Which two planets of the solar system have no satellites?
20. In which of the following years was the first Railway line between Bombay and Thane laid?

Answer:
2. Which substance is more than 80% in the cell?
3. Which language is next to Hindi spoken by the largest number of people in the Indian subcontinent?
4. Which planet have thirteen moons?
5. Which was the chariler Act to close the trade of East India?
6. Which are the high-temperature superconductors?
7. The United Nations declared 1994 as which International Year?
8. Who is regarded as the founder of the scientific Socialism?
9. One degree of longitude on the equator is equal to how much distance?
10. With which period do we associate the 'megaliths'?
11. National Environmental Engineering research institute is situated in which city?
12. In which part of the Constitution the concept of Welfare State finds elaboration?
13. Which common devices works on the basis of the principle of mutual induction?
14. Where is the maximum difference in the spacing of longitudes?
15. When the first metal tool came into being why was it used for?
16. Misha Grewal is associated with which game/sport?
17. Amar Singh Sokhi is remembered for his performance in which sports event?
18. Which Pollutant is produced from vehicles that cause mental diseases?
19. What is Water vapour beyond the dew point?
20. When did the concept of pollution emerge clearly?

Answer:
1. What is the total number of Fundamental Duties mentioned in the Constitution?
2. Which is the variety of coal in which the deposit contains recognisable traces of the original plant material?
3. What is the highest denomination of currency notes in circulation as legal tender in India at present?
4. Which type of rainfall leads to the formation of the windward and the leeward side?
5. Which of the Vedas was divided into 'White' and 'Black' parts?
6. Who became the first woman in the world to ski to the North Pole?
7. In which organ of the human body are the lymphocyte cells formed?
8. By whom is the Speaker of the Lok Sabha elected?
9. In which forests are Teak and Sal are the principal trees?
10. Who is often described as the second 'Parasurama' or the exterminator of the entire kshatriya race?
11. Which is the process in which no heat enters or leaves?
12. For outstanding contribution to which field is Shanti Swarup Bhatnagar Prize given?
13. For international payments, to which currency is the Indian currency linked?
14. Which vegetation is called natural cattle country?
15. Who, was the Nanda ruler at the time of Alexander's invasion?
16. What is Hepatitis-B, which affects liver?
17. By whom is the Chairman of Public Accounts Committee appointed?
18. By which permeability is a super conductor characterised?
19. In the world production of natural rubber, what is the rank of India?
20. To whom the 'Yavanas' refer?

Answer:
1. ‘Meghanath Saha’ award is given for outstanding contribution in which field?
2. Who wrote the book ‘Algebra of Infinite Justice’?
3. The saliva helps in the digestion of which thing?
4. What is Oolong tea?
5. Who earned the title of a 'Liberator'?
6. Which was the first State to become bifurcated after independence?
7. How is the speed of light with the rise in the temperature of the medium?
8. Which tax is not levied by the Union Government?
9. How are the caves of the world’s greatest fold mountains formed?
10. Vatapi was the capital of the which reign?
11. The autobiography ‘Living History’ has been authored by author?
12. How is the pitch of the voice of women generally?
13. On which date was the State of Bombay was bifurcated into Maharashtra and Gujarat?
14. Which is a block mountain?
15. By whom was the famous book Geet Govind written?
16. What makes a lemon sour?
17. How is Swami Vivekananda’s birthday observed in India?
18. What is the principal source of revenue to the State Government in India?
19. Which is the busiest oceanic trade route?
20. Which Muslim emperor was attracted by the beauty of Queen Padmini?

Answer:
1. By which algae is Nitrogen fixation done?
2. Which post does the Constitution of India not mention?
3. When do all the magnetic materials lose their magnetic properties?
4. Why are the Canals in Western Europeare mainly used?
5. By whom was the ‘Tahglq-i-Hind', a famous literary work, written?
6. Which day is observed as the World Environment Day?
7. In which Indian state is the game of Polo said to have originated?
8. Which organs are morphologically different but perform the same function?
9. Which is not a landform which results due to rejuvenation of a river?
10. Which Bhakti saint wrote the commentary on Vedanta sutras in Sanskrit?
11. How can a major portion of the Constitution be amended?
12. In which type of coal percentage of carbon is the highest?
13. By whom was the first attempt to initiate economic planning in India made?
14. In which ocean is Diamantina Trench situated?
15. Form where did Babar come to India originally?
16. Which beach is visited by Olive Ridley turtles annually for mass nesting?
17. Why is the water of Holy Ganges river is pure?
18. How the Constitution describes India?
19. The Himalayan mountain system belongs to which mountains?
20. During the reign of emperor was the artillery most perfect and numerous?

**Answer:**
1. A hollow sphere of copper is positively charged, Then what will the electric field be inside the sphere?
2. How many States of the U.S.A. are not attached to its mainland?
3. What was the decentralisation system recommended?
4. Which are the oldest mountains in India according to geographical history?
5. Who was last Mughal emperor to sit on the peacock throne?
6. Which Bacteria is found in the intestine of human?
7. Which language is not recognised in the 8th Schedule though it is an official language of a State?
8. What is the mixture of carbon monoxide and nitrogen called?
9. Which is the river with highest tidal bore in India?
10. From which ruler did Albuquerque capture Goa?
11. Which train/railway passes through Germany, France, Austria, Hungary and Romania?
12. Which biologist, proposed that life is originated in water,?
13. When chlorophyll absorbs light, what does it gets excited and emits?
14. Which is a land-locked sea?
15. Which European were the last to come- to pre-independence India as traders?
16. Who has the final power to maintain order within the House of People ?
17. In our houses we get 220 V A. C What does the value 220 represent?
18. Bouncing of cheques has become an offence. What is the punishment for the same?
19. Which would be most suited for an area which has only two months of scanty rainfall in a year?
20. Who was the first Muslim President of Indian National Congress?

Answer :
1. Mallika Sarabhi is associated with which field?
2. After respiration the conversion of energy is mainly in which form of?
3. Who fixes the salaries and the allowances of the Speaker of Lok Sabha?
4. Which crop is grown in India mainly by dry farming?
5. Who was the first Englishman to preside over a Congress session?
6. What is formed when white phosphorus is heated at 540 K in the absence of air?
7. When did Economic Community of Central African States came into existence?
8. In which year, some more commercial banks in addition to the first lot of 141 were nationalised in India?
9. The mapping of which part of earth is most difficult?
10. Which Urdu poet was invited, to the Second and Third Round Table Conference?
11. What is the connecting link between Annelida and Mollusca?
12. How many subjects are in the Concurrent List?
13. A small weight is put on the pressure cooker. It increases the pressure of the steam. Why?
14. Which is the second most abundant metal in the earth’s crust?
15. Which first movement was launched against the British in India?
16. When did East African Development Bank come into force?
17. Who has directed the film ‘Sardar’?
18. What is also known as green protozo?
19. The tropopause occurs at the equator at a height of how many kilometers?
20. Who was the British Prime Minister at the time of the Second Round Table Conference?

**Answer:**
1. How can a Change in distribution of powers between the Centre and the States be done?
2. Which acid is used to remove ink and rust stains and cloth?
3. Which forms the largest share of deficit in Govt. of India budget?
4. 97% of the atmosphere lies with in how many kilometers of the surface of the earth?
5. By virtue of which Act, dyarchy was introduced in India?
6. Who has written the book ‘The Famished Road’?
7. In a living cell what is the site of ribosome formation?
8. Which Amendment of the Constitution of India deals with the issue of strengthening of the Panchayati Raj?
9. Primitive people practice animal rearing in the tropical grasslands of which area?
10. By whom was the first republic of the world established in Vaishali?
11. How can one can distinguish a telescope from a microscope?
12. World day to combat desertification and drought is observed on which date?
13. Which scheme was intended to tap the black money?
14. What are the Low-latitude grasslands in south America called?
15. Between which was the ancient town of Takshasila located?
16. What do both respiration and photosynthesis require?
17. From which date shall the tenure of every Panchayat be for five years?
18. Which are the metal that is present in photo films?
19. Which states is the leading producer of tea?
20. Who was a contemporary of Chinghiz Khan?

Answer:
1. Amending the Constitution
2. Oxalic acid
3. Fiscal deficit
4. 5 km
5. Government of India Act, 1919
6. Ben Okri
7. Nucleolus
8. 73rd
9. East Africa
10. Lichhavi
11. By observing size of the lens
12. June 17
13. India Development Bonds
14. Pampas
15. Indus and Jhelum
16. Cytochromes
17. From the date of its first meeting
18. Silver
19. Assam
20. Iltutmish
1. Which day is the International Human Rights Day?
2. Bahadur Singh is a distinguished athlete of which game?
3. Which Biologist proposed the theory of Germ plasm?
4. Which pair of states is the leading producer of tabacco in India?
5. Who established Diwan-i-Mustakharaj (Department of Arrears)?
6. Citizenship provisions are enshrined in the Constitution in which article?
7. Which sound-produced by a bat?
8. For internal financing of Five Year Plans, the government depends on which source?
9. What is the distance of the nearest star besides the sun from the earth?
10. Who deserves the credit for construction of Lal Quila?
11. How many players are there on each side in a baseball match?
12. Which vitamin is transformed in golden rice?
13. Under which Article of the Constitution are the Cultural and Educational Rights granted?
14. Which celestial body besides earth bear, The Sea of Tranquility and The Ocean of Storms?
15. Who was the daughter of Emperor Aurangzeb?
16. Which is the highest grade of coal whose surface is shining and has the highest calorific value?
17. Who among the following was the first Indian to receive the Magsaysay award?
18. What is the mean of ‘Take off stage’ in an economy?
19. In how many time zones has the world been divided into?
20. Which contains the Gayatri Mantra?

Answer:
1. December 10th
2. Athletics
3. Weisman
4. Andhra Pradesh and Gujarat
5. Alauddin Khalji
6. Part II, Articles 5-11
7. Ultrasonic
8. Taxation only
9. 4.2 light years
10. Shahjahan
11. 11. 5 12. Vitamin A
13. Article 29 and 30
14. Moon
15. Zebunnisa
16. Anthracite
17. Vinoba Bhave
18. Steady growth begins
19. 24
20. Rigveda
1. Which type of woods is specially used as railways sleepers?
2. Which State sends the maximum number of members to the Rajya Sabha?
3. Which explains that all the galaxies are receding from?
4. Which elements is most abundant in the earth’s crust?
5. The Gayatri Mantra contained in the Rigveda is dedicated to which deity?
6. How many married couples have won the Nobel Prize?
7. The ‘Cannes Award’ is given for excellence in which field?
8. Why does happen Short sightedness?
9. Why does the phenomenon of ‘trade winds’ takes place?
10. With which religion is Kalvalya associated?
11. Who was the first leader of the Opposition in the Rajya Sabha?
12. Which is an element which never exhibits positive oxidation state in any of its compounds?
13. Which is at the apex of Industrial Finance in India?
14. What is a Doldrums?
15. Who was the greatest Buddhist commentator of the Buddhist canonical literature?
16. What is the name of winner of the Sanjay Chopra National Award for Bravery 2012?
17. Which is adapted to grow in dry places?
18. With which the executive power relating to concurrent subjects remain?
19. Which is a tropical monsoon crop?
20. During the Sangam Age which dynasty was not in power?

Answer :
1. The quality of sound produced by an instrument depends on the which thing?
2. The term ‘Tee’ is connected with which game?
3. In India, the bank NABARD does not provide refinance to which bank?
4. What is the main activity of Eskimos during the short period of summer season?
5. With which external trade of the Sangam were people carried on?
6. Which is a mixed fertiliser?
7. Howmany subjects are in the Union list?
8. In which situation a chemical reaction does not?
9. Which geomorphic processes is associated with the work of glaciers?
10. Who Chola king fought against the Shailendia king of Shri Vijaya and defeated him?
11. ‘Gambit’ is the term associated with which game?
12. Who was the first ‘Indian to swim across English Channel’?
13. Which one of symbiotic algae is found in secretory cell of hydra?
14. From which rocks is the soil material mainly derived?
15. The -titles of 'Mummadi Chola', 'Cholamartanda' and 'Raja Kesari Aromoli' were assumed by which Chola ruler?
16. In which schedule is the list of items which may be entrusted to the Panchayats given?
17. What is the order of magnitude of electric resistance of the human body (dry)?
18. Which forms the largest share of deficit in Govt. of India budget?
19. Which pair of ocean currents meet each other near Newfound land?
20. In which field did Indians in ancient time learn a lot from the Greeks?

Answer:
1. Who was the first Indian woman to swim across the English Channel?
2. Which is the phase that invades but does not destroy the lost?
3. In which State was the Panchayati Raj first introduced?
4. The Dogger Bank, the main fishing area of Europe, where is this area?
5. Which ruler died while playing 'Chaugan'?
6. Blue litmus paper is converted into red in solution of which thing?
7. Which is used as the logo of the World Wide Fund for Nature (WWF)?
8. Which scheme was intended to tap the black money?
9. Which is the largest railway station of the world?
10. Who ruler was the builder of Jahan-Panah, Delhi's fourth city?
11. Photosynthesis proceeds in which sequence?
12. By whom is the composition of the UPSC determined?
13. In electric supply lines in India, which parameter is kept constant?
14. Which is the shortest air-route from Perth to London?
15. Which Kingdom was annexed by Bahlul Lodi, the Sultan of Delhi, in 1484 AD?
16. Which is the headquarters of World Trade Organisation (WTO)?
17. Which is another name of RDX?
18. By whom was the most accepted theory for ascent of sap was given?
19. Which Indian State has the minimum total forest cover?
20. When Akbar was born, Humayun was under the shelter of which king?

Answer:
1. Which Act formally introduced the principles of elections for the first time?
2. What is the negative logarithmic value of hydrogen on called?
3. Who wrote the book ‘Planned Economy for India’?
4. Among the Union Territories which has the highest literacy rate?
5. Of whom was Tulsidas a contemporary?
6. A bee-sting leaves an acid which causes pain and irritation. Which is that injected acid?
7. Which animal is blind (Extremely poor eyesight)?
8. Where are the disputes regarding the election of the President and Vice-President settle?
9. The river Cauvery originates from which state?
10. The Maratha kingdom was founded by Shivaji during which reign?
11. In an atomic nucleus, by which force are neutrons and protons held together?
12. Who is a social activist campaigning against child labour?
13. When was National Development Council set up?
14. Which is the main river flowing in the state of Jammu and Kashmir?
15. The Maratha Chief, Sambhaji was executed during which reign?
16. Animal goes under winter sleep due to low temperature, what is called?
17. What function is specifically prescribed by the Constitution for the Vice-President of India?
18. By which a mixture of naphthalene and benzoic acid can be separated?
19. Why does the western coast of India receive very high rainfall in summer mainly?
20. Who was the first European to translate the Bhagwad Gita into English?

**Answer:**
1. Who is the creator of the Rock Garden in Chandigarh?
2. When did UN General Assembly establish UN Industrial Development Organization?
3. Which organelles in the cell, other than nucleus contains DNA?
4. In India which is the State with the largest area under very dense forests?
5. By whom was the Asiatic Society established in Calcutta?
6. In which country did the concept of Public Interest Litigation originated?
7. The wavelength of X-rays is of the order of how many angstrom?
8. A crossed cheque is one, which can be encashed only at which bank?
9. In which place is the headquarters of the North-Eastern Railway located?
10. Which reformer from Maharashtra was known as Lokhitavadi?
11. In which year ‘Human Rights Resolution’ was adopted by the U.N. ?
12. What is infolding from the inner membrane of mitochondria called?
13. Which amendment curtailed the power of Judicial review of the Supreme Court and the High Courts?
14. Which National Highway connects Chennai and Visakhapatnam?
15. Where was the sepoys revolted openly in 1857?
16. By which Carbon and hydrogen are estimated in organic compounds?
17. Who wrote the book “Reminiscences of the Nehru Age”?
18. What do Quantitative credit controls not include?
19. Which is the largest irrigation canal of the world?
20. By whom was the Civil Disobedience Movement led in the North-West Frontier Province?

**Answer :**
1. Which is used extensively for genetic engineering in plant?
2. The Centre-State financial distribution takes place on the recommendation by which ministry?
3. At the time of short-circuit, what will be the current in the circuit?
4. Which country is the biggest producer of mango?
5. What was the capital of Kakatiya dynasty?
6. ‘The General happiness is the end of the state’; who said this?
7. When is International Literacy Day, recognized by the UN observed?
8. For which is the northern blot technique used for the detection?
9. Which lake lies in the ‘Dead heart of Australia’?
10. During the freedom struggle, who established ‘The Deccan Educational Society’?
11. Who is the first Law Officer of the Government of India?
12. Radioactive distintegration of uranium ultimately results in which formation?
13. Which is the largest (in terms of turnover) Public Sector organisation in India?
14. What are the plants of tropical and sub-tropical regions called?
15. With whom was the last opportunity to avoid the partition of India lost?
16. When is World Humanitarian Action Day is observed?
17. What is the least influential in determining the distribution of terrestrial biomes?
18. What was the most profound influence on the drafting of the Indian Constitution?
19. Which country ranks first in producing teak?
20. By whom was the agitation against the partition of Bengal led?

Answer:
1. ‘Hydraulic brakes’ and ‘Hydraulic lift’ are devices, why are fluids used in them?
2. Which person won seven gold medals in swimming for the U.S. in the 1972 Olympic?
3. Which Agriculture export item is second in case of India?
4. Which lake in India has the highest water salinity?
5. Who organised Ashwamedha Yajna?
6. Which sector is the largest emitter of greenhouse gases in India?
7. Why was the design of the National Flag was adopted by the Constituent Assembly of India?
8. Which isotope of uranium capable of sustaining chain reactions?
9. Which region has internal drainage?
10. Which sources of Islam is associated with the teachings of Prophet Mohammad?
11. Who has become the first Indian to score a triple century in Tests?
12. In which sports Rajyavardhan Rathore won a Silver medal in the Beijing Olympics?
13. Why does Flower colour?
14. Kurnool-Cuddapah canal is taken off from which river?
15. Who was the Mughal Emperor to have lifted the Jaziya on Hindus?
16. Who can initiate impeachment proceedings against the President of India?
17. Which is natural source of gamma-rays?
18. Who was the first Deputy Chairman of Planning Commission of India?
19. Kudremukh hills known for iron ore deposits is situated in which place?
20. Who was defeated at kannauj in the hands of Sher Shah in 1540?

Answer : 
1. Who was the first Test centurion in Indian Cricket?
2. Which is the sweetest sugar?
3. Who has the power to form a new State within the Union of India?
4. The latitude of a place expresses its angular position relative to the which place?
5. Who started the Public Works Department in India in 1848?
6. Which is the substance which can act both as an acid and a base?
7. The Indian research station Himadri is located at which place?
8. In India, in which banking is the Public Sector is most dominant?
9. Of the total volume of the earth, which layer forms the major part?
10. Where was first Madarasa set up by the British in India?
11. What is the largest gland in the human body?
12. Which writ is issued by the court in case of illegal detention of a person?
13. If a pendulum is allowed to oscillate into jar containing water, what will its time period?
14. Why is the Wind in the Southern hemisphere is deflected towards left?
15. Which archaeologist initially discovered the Mohenjodaro site of the Indus Valley Civilization?
16. What is the first large research reactor of India that uses U-233 as fuel?
17. Who discovered South Pole?
18. What is the most important function of perspiration?
19. Where is the Smog is likely to occur?
20. What was the main characteristic of the Indus Valley Civilization?

**Answer:**
1. Which writ is a bulwark of personal freedom?
2. Which was the gas which had leaked out of Union Carbide factory in Bhopal?
3. Which is the oldest Development Financial Institution of India?
4. Long treeless grassy palms are characteristics of which grass?
5. Which craftsmanship was not practised by the Aryans?
6. 23rd January is celebrated as the birthday of which person?
7. In human body which is the largest in size?
8. The Centre-State financial distribution takes place on the recommendation by which ministry?
9. How climate does the Veld grassland of south Africa experience?
10. What is the number of puranas?
11. At a grid sub stations the voltage is stepped up to reduce loss of which thing?
12. Which are connected by over 1700 km-long BTC oil pipe-line?
13. When was EXIM Bank set-up?
14. Which country has the highest agricultural production in Europe?
15. Who is considered as the first national ruler of India?
16. From the evolutionary point of View, which is the most primitive animal?
17. Who is the first Law Officer of the Government of India?
18. Which property of the elements is a whole number?
19. Which country leads in the production of rubber?
20. Which ruler was known as Amitraghata, the 'destroyer of foes'?

**Answer:**
1. Which country is reliant on a single export of oil/petroleum?
2. Which is the unit raised to protect the naval assets?
3. leaves used as wrappers for bides, from which are obtained?
4. Which are the Continents that form a mirror image of each other?
5. Who anticipated Newton by declaring that all things Gravitate to the earth?
6. Which act made the Indian Legislature bicameral?
7. Instrument used to store the electric charge is known by which name?
8. During which five year plan were the steel plants at Durgapur, Bhilai and Rourkela established?
9. In which country is ‘Takla Makan’ desert situated?
10. By whom was the largest grant of villages to temples and brahmanas given?
11. Where is Indian Army’s counter-insurgency school situated?
12. Which an important product is obtained from styles and stigma?
13. In whom did the Government of India Act, 1935 veste the residuary power?
14. About 50% of the world population is concentrated between the latitudes of which degrees?
15. Who was the first and the last woman ruler of Delhi?
16. What are the atoms of the elements which have same number of neutrons called?
17. Who is a famous Sarod player?
18. During which Five Year Plan was the total expenditure on agriculture the highest?
19. What is the capital of East Timor?
20. Which General of Ala-ud-din Khilji, was known as the Rustam of the age and the hero of the time?

**Answer :**
1. Which tissue is responsible for the secondary growth?
2. By whom the salary and perquisites of the Prime Minister of India are decided?
3. What happens to the level of mercury in the barometer tube when it is taken down a coal mine?
4. Mac Mohan Line demarcates the boundary between which countries?
5. When Babur invaded India who was the ruler of Vijayanagara empire in South India?
6. For which word, the letter ‘G’ has been used in ‘2G Spectrum’?
7. Indian Institute of Forest management is located at which place?
8. Whose living cell provides tensility and mechanical strength?
9. The northern part of the west coast is known by which name?
10. Who was a contemporary of Chingiz Khan?
11. What about ministry in the event of the resignation or death of the Prime Minister?
12. What is the most abundant on the earth crust?
13. Which provides the largest part of the demand for loanable funds in India?
14. Which river flows through Maharashtra and Gujarat?
15. The number of wives of which Mughal ruler ‘fell short even of the Quranic allowance of four’?
17. Which part of brain is centre of thirst hunger and sleep?
18. A Judge of a High Court wanting to resign addresses his letter of resignation to whom?
19. Which river basin is called ‘Ruhr of India’?
20. During which ruler were Upanishads translated into Persian?

Answer:
1. What does Every object at a temperature above absolute zero?
2. Which year is celebrated as International Year of Forests?
3. Who are Debenture holders of a company?
4. Which is the longest river in India?
5. Which was the first fort which the British constructed in India?
6. Which blood group is universal doner?
7. From which fund is the pension of a High Court Judge charged?
8. Which metal is extracted by electrolytic reaction method?
9. Which region in India receives substantial rain during the winter month of January?
10. In where were Bengal the headquarters of East India Company located?
11. Journalist’s day was celebrated for the first time all over the country on which date?
12. The United Nations declared 2014 as which International Year?
13. What is the number of chromosome in a normal human body cell?
14. Which city has the longest day in the month of June?
15. Who set up the Atmiya Sabha in Kolkata in the first half of the nineteenth century?
16. How is the National Development Council?
17. The value of which quantity remains same in all system of units?
18. In which industry is the maximum number of women employed in India?
19. The ‘Grand Trunk Road’ connects which cities?
20. What was the original name of Swami Dayananda Saraswati?

**Answer :**
1. The first Indian to cross seven important seas by swimming?
2. By whom was Artificial gene synthesis first done in laboratory?
3. In which schedule is the list of items which may be entrusted to the Panchayats given?
4. Which national Highway route is the longest?
5. Who had started ‘Mitra Mela’ Association?
6. Which is the basis of modern periodic table?
7. When are the 20th Commonwealth Games scheduled to be held in Glassgouw?
8. The performance of which industry is considered performance of the core industry?
9. Which city is at the highest altitude above mean sea level?
10. Which was a revolutionary who later turned into a yogi and a philosopher?
11. In which forest the maximum plant diversity is found?
12. Which Act formally introduced the principles of elections for the first time?
13. A floating body always displaces liquid equal to its which thing?
14. Which plate movement is responsible for the formation of mid-ocean ridge?
15. With how many volunteers did Gandhiji start on his famous Dandi march on March 12, 1930?
16. Who was the first Indian woman to scale the Mount Everest?
17. Tansen Samman has been instituted by the Government of which state?
18. How many species are under threat in mainland France?
19. Where is Dead sea situated?
20. Who opposed Mahatma Gandhi’s association with the Khilafat movement?

**Answer:**
1. Which Act gave representation to Indians for the first time in the Legislature?
2. By which can the location and energy of an electron in an atom be specified?
3. What was the decentralisation system recommended?
4. Which is softwood from coniferous forest?
5. Where has the world’s largest monolithic statue of Buddha been installed?
6. Who was awarded the first Rajiv Gandhi National Sadbhavana Award?
7. Which statement is true with respect to Leukaemia?
8. By whom the rank of the different Ministers in the Union Council of Ministers is determined?
9. Hardwood tree like mahogany and ebony are found in which forests?
10. Who taught the doctrine of Shunyata (Shunyavad)?
11. When viewed in white light, why do soap bubbles show colours?
12. The famous sportsman Michael Jordan is associated with which game?
13. During which prime minister was the strategy of Rolling plan was adopted?
14. If you want to visit Sambhar Lake, to which state you will go?
15. Who appointed Ibn Batuta as the Chief Qazi of Delhi?
16. What is the best method for improving the nutrient composition of a diet?
17. By whom was collective responsibility of the Cabinet introduced in India?
18. Which is also called Stranger Gas?
19. Which crop are grain with the onset of monsoon & are harvested in September-October?
20. Which philosophical system was founded by Vallabhacharya?

**Answer:**
1. Who became the youngest Grand Master of India?
2. Which was the first Indian woman to scale Mount Everest?
3. Which is the scientist who explained about blood circulation for the first time?
4. Among sources of power, India has largest reserves of which thing?
5. Which Europeans, were the last to come to pre-independence India as traders?
6. Ministers in a State get salaries, by whom is it as determined?
7. Which is used to remove astigmatism for a human eye?
8. Through which methods is the national income of India estimated mainly?
9. Which is the most important coal field of India?
10. When did the British Government start ruling India directly?
11. Who is the world’s first woman cosmonaut?
12. Iris has no pigment in which people?
13. Who is the longest serving Chief Minister in India?
14. ‘Parsec’ is the unit of measurement of which distance?
15. Which Indus citiy was known for water management?
16. Mixture of which pair of gases is the cause of occurrence of most of the explosions in mines?
17. Where is Davos, the venue of the annual meeting of World Economic Forum, located?
18. During whose viceroyalty was the system of Budget introduced in India?
19. The light coming from stars gives the idea of their which quality?
20. The vedic deity Indra was the god of which thing?

Answer:
1. Parimarjan Negi
2. Bachendri Pal
3. William Harvey
4. Coal
5. French
6. State Legislature
7. Cylindrical lens
8. Production and income methods
9. Raniganj
10. After Sepoy Mutiny
11. Valentina Tereshkova
12. Blue-eyed people
13. Jyoti Basu
14. Astronomical distance
15. Mohenjo-daro
16. Methane and air
17. Switzerland
18. Canning
19. Temperature
20. Rain and thunder
1. The anti-malarial drug Quinine is made from a plant. Which is that plant?
2. Who is entitled to initiate a Bill for Constitutional Amendments?
3. What is a strong argument for the particle nature of cathode rays?
4. A radio broadcast from Delhi on Monday at 7.30 p.m. it is heard at New York on which day?
5. Which was the last Buddhist text produced in India?
6. The basis of European Union began with the signing of which treaty?
7. Rainwater collected after 30 to 40 minutes of raining is not suitable for drinking why?
8. What is the poison of honey bee?
9. When it is 12 noon at-Greenwich, what is the time at New York (74°W)?
10. Buddha died in which Mahajanpada?
11. In which was Indian Constitution amended for the first time?
12. Which inorganic precipitate acts as semipermeable membrane?
13. Which Committee’s recommendations are being followed for estimating Poverty Line in India?
14. Northern part of Australia is typified by which climate?
15. During the Sangam Age, Uraiyur was the capital of which rular?
16. Which industry produces the most non-biodegradable wastes?
17. In which biological process sugar is oxidised to release energy?
18. By whom was the Constitution of India adopted?
19. Rain shadow effect is associated with which rainfall?
20. Which was the most important kingdom after the Maury in-the-Deccan and Central India?

Answer:
1. Cinchona 2. Either House of Parliament 3. They are cast shadow 4. The same day at 7.30 a.m. 5. Vamsathapakasini
1. What is the number of electrons in an atom of atomic number Z and mass number A?
2. With which of the following fields is M. F. Hussain associated?
3. Which is the ‘Slack Season’ in the Indian Economy?
4. In which country is Marino sheep rearing the predominant pastoral activity?
5. Which was the lowest unit of Chola administration?
6. Minute pore found on the soft aerial part of plant especially the leaves are called?
7. When was the Constituent Assembly for undivided India first met?
8. To prepare a standard solution of a substance, what is generally used?
9. Which is the leading producer of rice?
10. By whom was the large Shiva Temple at Thanjavur built?
11. Late Ustad Nisar Hussain Khan earned distinction in which fields?
12. Where is the headquarters of African Development Bank?
13. Which is used as a gift in Japan?
14. Which type of lake is formed by volcanic activities?
15. In the Delhi Sultanate, which administrative unit called 'paragana' was headed by an official?
16. Who was the Constitutional adviser to the Constituent Assembly of India?
17. How does Transfer of heat energy from the sun to the moon take place?
18. Stock Exchanges play a role in an economy how may it be termed?
19. What are Shield volcanoes?
20. Mughal dynasty was to Bahadur Shah Zafar-as what was Lodi dynasty to?

Answer:
1. Which is the official language of Bank of Central African States?
2. Pheretima posthuma is scientific name of which animal?
3. The resolution for removing the Vice-President of India can be moved in which sabha?
4. Which is the largest lake in Africa?
5. ‘Let no man ask a man’s sect or caste’. Whose dictum was this?
6. Which is an active component of oil of clove?
7. Who authored the ‘Gitanjali’, an anthology of poems?
8. In which year were Private Sector Mutual Funds in India permitted?
9. Which is the deepest lake?
10. Whose philosophy is called the Advaita?
11. The statements “Protoplasm is the physical basis of life” is given by which person?
12. By whom are the portfolios allocated to the ministers?
13. When does Super conductivity result?
14. In which region is the main area of production of icebergs found?
15. Which Mughal emperor’s tomb is outside India?
16. Who wrote the line: ‘A thing of beauty is a joy for ever’?
17. Which day is celebrated as United Nations day every year?
18. Which structure is present in mitochondria?
19. Where is ‘Ninety East Ridge’ situated?
20. Mughal architecture reveals a blending of which styles?

Answer:
1. What is the age of retirement of the Judges of the High Court?
2. In methane molecule how are the four hydrogen atoms arranged?
3. Which industry earns the second highest net foreign exchange from the trade?
4. In which valley is the Himalayan pass Shipki La located?
5. When the East India Company came into existence, By whom was England was ruled?
6. When is World Mental Health Day, recognized by the UN is observed?
7. By which is the Atmosphere of big metropolitan cities is polluted most?
8. By whom the oath to a High Court Judge is administered?
9. Which State in India has the broadest continental shelf?
10. Who was the Mughal emperor at the time of Ahmed Shah Abdali’s invasion of India?
11. When the temperature increases, what does the angle of contact of a liquid?
12. Who was the first Indian woman who owns the gold medal in Asian Games?
13. From which export does India earns maximum foreign exchange?
14. Which Place experiences minimum and maximum temperature?
15. Who is associated with the Local Self- Government Act?
16. Edward Jenner is related with which disease?
17. What is the source of maximum income to Panchayati Raj?
18. Which variety of glass is heat resistant?
19. How is the climate of India is?
20. Under which act was the Supreme Court in British India established?

Answer :
1. Which Cricketer has scored the highest total runs in test cricket?
2. Who won a Nobel Prize for literature when he was the head of the government?
3. Which vitamin is essential for poor bone and teeth formation?
4. Rana Pratap Sagar Plant (Rajasthan) is associated with which thing?
5. Jallianwala Bagh massacre occurred on which date?
6. Which is at the apex of the three tier system of Panchayati Raj?
7. Why does the velocity of rain drop attain constant value?
8. The Govt. of India does not provide any direct financial assistance to which scheme?
9. Which is the oldest atomic power station?
10. During the Indian Freedom Struggle, who raised an army called Free Indian Legion?
11. Dr. Hargobing Khurana received the Nobel prize for which subject?
12. Healing of wounds is hastened by which vitamin?
13. The amendment procedure laid down in the Constitution of India is on which pattern?
14. Which is a warm ocean current?
15. Which was the Princely State which acceded to the Indian Union after a plebiscite?
16. Bagasse, a by-product of sugar manufacturing industry, is used for the production of which thing?
17. The ‘Rediscovery of India’ is written by which author?
18. As per latest data in urban areas women employment is highest in which industry areas?
19. Kuroshio is a warm ocean current which runs from which country?
20. Which was in power in the U.K. when India got independence?

Answer:
1. Where are red blood corpuscles formed?
2. Where was the first session of the Constituent Assembly held?
3. If there were no atmosphere, what will be the length of the day on the earth?
4. In which region does rainfall occur throughout the year?
5. The first major inscription in classical Sanskrit is that of which king?
6. Who is the ‘author of the book ‘A Brief History of Time’?
7. Who produced the first film in India ‘Raja Harishchandra’ in 1913?
8. How much blood does an average adult have in the body?
9. In mid-latitudes, convective precipitation is associated with which front?
10. Which is considered an encyclopedia of Indian Medicine?

11. If a Minister of a State wants to resign, to whom he should address the letter of resignation?
12. What are Rubies and Sapphires chemically known as?
13. From which sector does the highest sector wise contribution to gross domestic saving comes?
14. In certain parts of Khasi and Jaintia hills, annual rainfall is about how many c.m.?
15. Which part was called Babul Makka (Gate of Makka) during the Mughal Period?
16. Which of these is a ‘Morning Raga’?
17. From the evolutionary point of view, which is closer to man?
18. By which is in practice the policy of the Government shaped?
19. Which place receives rainfall less than 20 cms?
20. Who among the following has issued the coin rupee for the first time?

**Answer:**

1. The focal length of a convex lens is 50 cm. what is its power?
2. Among the Indian languages, which one is spoken maximum in the world after Hindi?
3. Which formulates fiscal policy?
4. The Karakoram Highway connects which pair of countries?
5. Who was the Governor General to merge Sindh in British India?
6. Which part of the pitcher plant becomes modified into a pitcher?
7. Who is a legal advisor of the State Government as provided by the Constitution?
8. Which pair of metals constitutes the lightest metal and the heaviest metal, respectively?
9. On which river is located Indo-Pak Bagalihar Project?
10. In what commodity the English first conducted trade from India?
11. Which country is the leading producer of uranium?
12. The Pacific Islands from New Guinea south east-wards to the Fiji Islands’ what is this group called?
13. Which part of the pitcher plant becomes modified into a pitcher?
14. To a space traveller on moon, how does the lunar sky during day time appear?
15. In which veda is the famous Vedic saying “War begins in the minds of men” stated?
16. Who appoints the Governor of Jammu and Kashmir?
17. Energy transferred to a person through gamma rays is measured in by which unit?
18. In which plan was the growth rate of agricultural production negative?
19. What is distance between the Earth and the Sun (in million kms.)?
20. Upanishads, also known as the Vedantas, are How many are these upanishads?

**Answer:**

1. Among South Asian countries, which one has the highest level of urbanization?
2. Which is an insectivorous plant?
3. Citizenship provisions are enshrined in the Constitution in which article?
4. At which of the following places watches will show 5.30 A.M. when it is 12.00 midnight G.M.T.?
5. Tradition has it that By whom was Ajatasatru instigated to murder his father?
6. Which element has the lowest electron affinity?
7. Sushil Kumar is known for his outstanding performance in which field?
8. In which of the Five Year Plans, preference was given to the weaker sections of the society?
9. The time of Cairo is 2 hours ahead of Greenwich time. Cairo is situated at which degree?
10. Shishunaga dynasty is credited to have destroyed which mahajanpada?
11. What is treatment of body defects through massage and exercise?
12. Under which Article of the Constitution are the Cultural and Educational Rights granted?
13. Which field is used to produce deflection in a television picture tube?
14. Shallow-rooted trees are associated with which climate?
15. What do the Ajanta paintings depict?
16. Dr. M.S. Subbulakshmi has distinguished herself in which field?
17. How many member states are in ‘Common Market’ for Eastern and Southern Africa?
18. What is making interesting discoveries unexpectedly or by accident?
19. Which area is dominant in hunting and gathering?
20. Which Gupta ruler defeated the Huna ruler, Mihirakula?

**Answer:**
1. For whose removal Parliament’s resolution is not needed?
2. By whom was the calculation of electronegativities first done?
3. By which bill does the government make arrangement for the collection of revenues for a year?
4. Which country is the world’s largest producer of coal?
5. What was the first major inscription in classical?
6. Indian Development Forum (IDF) was earlier known as which name?
7. What does Glomerulus and Bowman’s capsule constitute?
8. To which Bill the President must accord his sanction without sending it back for fresh consideration?
9. Which country ranks top in the mining of gold?
10. In the context of the reign of Guptas and their successors, what is Vishti’?
11. What does the emission of β-particle?
12. When was the first ‘International Non-Smoking Day’ observed all over the world?
13. Which is the ‘basis for determining the national income?
14. In which the formation of magma along the bedding plane results?
15. Which was the first dynasty of the Vijayanagar kingdom?
16. Which cells have least regeneration capacity?
17. The ordinances issued by the Governor are subject to approval by which office?
18. A fruity smell is obtained by the reaction of ethanol with which compound?
19. How are the igneous rocks are formed?
20. The Kingdom of Vijayanagar came into existence during which reign?

Answer:
1. Judge of Supreme Court
2. Pauling
3. Finance Bill
4. China
5. Sanskrit of Rudradaman
6. Aid India Consortium
7. Malpighian tubule
8. Finance Bills
9. South Africa
10. Forced labour
11. Increases the atomic number by one
12. 04.07.1988
13. Production of goods and services
14. Sill
15. Sangama
16. Cell of brain
17. State Legislature
18. CH₃COOH
19. Granitisation
20. Muhammad-bin-Tughlaq
1. Which day is celebrated as United Nations Day every year?
2. Against which team did Virender Sehwag make his one day international debt?
3. Which gas do not considered as polluting agent of air?
4. Which connects the ocean floor level with the continental level?
5. In the Mughal administration, by whom was military recruitment being looked after?
6. How can the States in India borrow from the market?
7. What does the rise of mercury in a barometer indicate?
8. What is One of the main factors that led to rapid expansion of Indian exports?
9. Which is the longest inland waterways in the world?
10. Which was the king generally considered to be the greatest ruler of Kashmir in the 15th century?
11. The first Commonwealth Games were held in the year 1930 at which place?
12. Which Scientist first explained about circulatory system?
13. How many States are required to ratify certain Amendments to the Constitution?
14. Which state has smallest land area?
15. Which Mughal emperor prohibited the use of tobacco?
16. Which compound caused tragedy of Bhopal in 1984?
17. With Which game is the Double Fault associated?
18. How is the difference between visible exports and visible imports defined?
19. Which are the two volcanic islands in the Indian territory?
20. Who translated Ramayana into Persian?

Answer:
1. Which groups of items contains only biodegradable items?
2. Which post does the Constitution of India not mention?
3. If the Kinetic Energy of a body is increased by 300%, how much will its momentum increase?
4. In which State is the Guru Shikhar Peak located?
5. Raja Rammohan Roy and David Hare were associated with the foundation of which college?
6. Machael Ferrrera is associated with which game?
7. The first Commonwealth Games were held in 1930. Which country hosted the games?
8. The concept of ‘carbon credit’ originated from which protocol?
9. Which hill range that separates the state of Manipur from the state of Nagaland?
10. Who was the founder of the Radha Swami Satsang ?
11. The Ninth Schedule was added by which Amendment?
12. In which processes light energy is converted into chemical energy?
13. Which case does stagflation imply?
14. Where are the wet hill forest found in?
15. Ancient Monuments Preservation Act was passed during which Viceroyality?
16. Which House is better placed with regard to control over the executive?
17. What does a permanent magnet repel?
18. If the price of an inferior good falls, what about its demand?
19. At which place will you find maximum sunlight in India December?
20. What are the birth and death years of Dr. B. R. Ambedkar?

**Answer:**
1. Which cup/trophy is associated with football?
2. What is the main cause of extinction of species from tropics?
3. In which year did the Congress lose its monopoly of power in the States for the first time after the elections?
4. Which is the largest tiger reserve in India?
5. Which revolutionary leaders’ organised an attack on the armoury of Chittagong?
6. What is the second most abundant element in the earth’s crust?
7. Who received the Nobel Prize twice in different subjects?
8. Which formulates fiscal policy?
9. Which is the first National Park established in India?
10. By whom was General Dyer who was responsible for Jallianwala Bagh massacre was shot dead?
11. What is a physical basis of life?
12. Who is responsible for the registration of voters?
13. A fan produces a feeling of comfort during hot weather. Why?
14. Which state has the highest amount of Nickel Ore resources?
15. Megasthenes was an envoy of which king?
16. What is the name of India’s highest award which is given to a civilian?
17. In which year did India first take part in the Olympic Games?
18. In which cell organelle do photo and thermochemical reactions occur in different sites?
19. In which district, have large reserves of diamond-bearing kimberlite been discovered in the recent past?
20. Who in ancient India assumed the title amitraghata?

**Answer:**

1. Who proposed the Preamble before the Drafting Committee of the Constitution?
2. Which compound is used as an antichlor?
3. In which activity percentage share of cooperative sector is the highest?
4. Which is the strait connecting Arabian Sea and the Bay of Bengal?
5. Which Mauryan ruler did conquer the Deccan?
6. Famous GOLF player Vijay Singh is from which country?
7. Which is an insectivorous plant?
8. Who was the Chairman’ of the Union Constitution Committee of the Constituent Assembly?
9. Which Strait which separates Asia from North America?
10. In the kingdom of Satavahanas of ancient India, what was a district called?
11. Why is the gas thermometers is more sensitive than the liquid thermometer?
12. The term ‘double fault’ is associated with which game?
13. In India, which is regulated by the forward Markets Commission?
14. The daily and annual range of temperature is maximum in which area?
15. Which was the South Indian state famous for its naval power?
16. Which is the Indian scientist whose name is associated with the measurement of growth in plants?
17. How many members of the Rajya Sabha are nominated by the President of India?
18. Which chemical used as a ‘fixer’ in photography?
19. Which endangered Ridley turtles have the world’s largest aggregation?
20. The Bahmanis of the Deccan rose to prominence in which century?

Answer:
1. Who is called the Flying Sikh of India?
2. Who is known as the ‘saint of the gutters’?
3. Which crop enrich the soil with nitrogen?
4. Which rock system has the maximum concentration of minerals?
5. Which Governor General is associated with Doctrine of Lapse?
6. How much the time gap between two sessions of the Parliament should not exceed?
7. Which is the correct device for the detection of thermal radiation?
8. A crossed cheque is one, which can be encashed only at which bank?
9. Which state is the larger producer of lignite coal?
10. Which Sikh Guru helped the rebel prince Khusro with money and blessings?
11. Who is the first person to set foot on Moon?
12. Wood used in making cricking cricket bats, from which is got?
13. By whom are the Chairman and members of State Public Service Commission appointed?
14. What is the time required by moonlight to reach the earth?
15. Which presents the most significant feature of Indus Valley Civilization?
16. Which metal has the highest density?
17. What is an organisation’s introductory web page?
18. What do Quantitative credit controls not include?
19. From where do the strongest evidence that comets are members of our solar system come?
20. Of which thing were the Indus Valley houses built?
1. The pressure at the bottom of a liquid tank does not depend on which area?
2. ‘Chinaman’ refers to which game?
3. In human body, into which does the pancreas secretes its enzymes?
4. What does increase in carbon dioxide in atmosphere cause?
5. What is Apabhramsa?
6. Which language is not recognised in the 8th Schedule though it is an official language of a State?
7. With the rise of temperature, what will be the surface tension of a liquid?
8. Who was the first woman minister of a state?
9. In the Southern hemisphere the Westerlies blow from which side?
10. In which reign was the first Buddhist Council held?
11. Among the remedies of inflation, what can we include?
12. Which compound is used in anti-malarial drug?
13. A Judge of the Supreme Court of India is to hold office until he attains the age of howmany years?
14. Which country celebrates Christmas festival in summer season?
15. Which ruler of India who ruled over territories in Central Asia beyond the Pamirs?
16. What does Soda water contain?
17. Who was the architect of North and South Blocks of Central Secretariat in Delhi?
18. Next to Hindi, which is the language spoken by the largest number of people in the Indian sub-continent?
19. In which season is the frequency of tropical cyclones in the Bay of Bengal maximum?
20. By whom was Saka era founded?

**Answer:**
1. The salivary gland secretes saliva that contains which enzyme?
2. What does the power of judicial review ensure?
3. Total internal reflection can take place when light travels from which thing?
4. Which country has the largest known reserves of oil?
5. The temples built during the medieval period by which dynasty are known as 'Seven Pagodas'?
6. If saving exceeds investment, how will the national income?
7. Which was the first India satellite to go into orbit?
8. Which sugar is present in considerable amount in the blood?
9. Who gave the idea that originally there was only one continent called Pangea?
10. Which Sultan added the Alai Darwaza to the Qutab Minar?
11. With which amendment act has Panchayati Raj received constitutional status?
12. Which major component is used in preparation of different types of glasses?
13. Which region is culturally closer to India but ethnically closer to China?
14. Which process of weathering belongs to both mechanical and chemical weathering?
15. 'Arhai-Din-Ka Jhonpra' built by Qutbuddin Aibak, where is this located?
16. By whom was the first estimate of national income in India made?
17. In human beings, normally in which part, does the sperm fertilize the ovum?
18. By which committee were Mandal Panchayats recommended?
19. Which countries have achieved a negative growth rate of population?
20. Akbar founded his own religion known as ‘Din-i-Ilahi’ what was its mean?

Answer:
1. The refractive index of a given piece of transparent quartz is greatest for which light?
2. Where were the war criminals of the II World War put to trial?
3. Ali Akbar plays which musical instrument?
4. In which cotu does World’s highest urban density of population occurs?
5. In which year did Akbar defeat Rana Pratap in the Battle of Haldighati?
6. Which part of human brain is the regulating centre for swallowing and vomiting?
7. Which act aimed at providing a federal structure for India?
8. What is the main constituent of vinegar?
9. What separates Daman and Diu?
10. Which territory was outside the boundaries of the Mughal Empire during the reign of Akbar?
11. Which bank prints currency notes of the denomination of Rs. 100?
12. The year 1995 is the golden Jubilee year of which international organisations?
13. Which component of plants receives stimulus for flowering?
14. Where is Port Blair situated?
15. When Akbar surrounded Chittor fort, who saved it for four months?
16. Which was adopted from the Maurya dynasty in the emblem of Government of India?
17. Long distance short-wave radio broad casting uses which waves?
18. Who amongst the following is the anther of the Book “The Folded Earth”?
19. Which group of rivers fall in the Bay of Bengal?
20. Who is known as the ‘Grand Old Man of India’?

**Answer:**
1. What is the highest denomination of currency notes in circulation as legal tender in India at present?
2. Pollination takes place with the help of bird, what is called?
3. The Lok Sabha Secretariat comes under the direct supervision of which ministry?
4. Narmada river originates from Amarkantak in which state?
5. Which upheaval took place in Bengal immediately after the Revolt of 1857?
6. Which thing acts as an antidote to HgCl₂ poisoning?
7. Who has directed the film “Little Buddha”?
8. The United Nations declared 2014 as the International Year of which thing?
9. Which is the largest mustard oil growing state?
10. Which revolts was made famous by Bankim Chandra Chatterjee in his novel Anand Math?
11. Which animal lays eggs and does not produce young ones directly?
12. What is the maximum number of representatives of the States in Lok Sabha?
13. Which satellite is used in ship-to-shore and shore-to-shore and shore-to-ship communication?
14. Which state has the largest net irrigated area?
15. By whom was the Indian Independence League set up?
16. Among Indian Economists who had done pioneering work on National Income?
17. When is International Youth Day, recognized by the UN observed?
18. How many pair of heart is found in an earthworm?
19. Which is not a landform, which results due to rejuvenation of a river?
20. Quit India Movement started after the failure of which proposal?

**Answer:**
1. The members of the State Legislative Assembly are elected for what period?
2. Which compound is used for writing on glass?
3. The name Kunjarani Devi is associated with which game?
4. Which type of spurs is typically associated with valley glaciers?
5. By whom was the word Adivasi used for the first time to refer to the tribal people?
6. Who was the chairman of National Income Committee?
7. What is systolic and diastolic pressure in a healthy man?
8. Which feature is distinguishing the Rajya Sabha from the vidhan Parishad?
9. Which hot dust-laden wind is blowing from Sahara desert to Mediterranean region?
10. The greatest development in the Kushana period was in which field?
11. Recoil of a gun is an example of which thing?
12. Who is the first Indian woman to win an Asian Games gold in 400m run?
13. Which of the following honors was conferred on Mrs. Kiran Bedi?
14. Temperate Cyclone are characterized by which side?
15. Which dynasty succeeded Sungas?
16. Which destroy the toxic substance found in digested food?
17. When was the Ninth Schedule of the Constitution of India added?
18. Which compound is commonly used as antifreeze in automobile radiators?
19. The Himalayas are approximately how many kilometers long?
20. The rock-cut temples of Mahabalipuram were built under the patronage of which king?

Answer:
1. What is the main source of fund for the National Highway Authority of India?
2. Who is the first non-Indian to receive the Bharat Ratna?
3. Which group has the highest number of endangered species?
4. Which range of Himalayas is known for hill stations?
5. Which religion was patronised by Rashtrakutas?
6. By which Amendment, the power to amend the Constitution was specifically conferred upon the Parliament?
7. By whom was Neutron discovered?
8. Which is the first Indian woman to reach Olympic finals in individual track events?
9. Which city will never get the vertical rays of the Sun?
10. Tipu Sultan took support of which power to fight the English?
11. From which country does more than one-third of the crude steel production of the world come?
12. Silent valley having rare plant and animal is located in which state?
13. Which part of the Constitution deals with the Directive Principles of State Policy?
14. In terms of area, India is which largest country of the world?
15. Who was the founder of the autonomous kingdom of Avadh?
16. When water vapours are passed over aluminium carbide, what do we get?
17. India won the last Hockey Olympic Gold in which year?
18. Who was the first Defence Minister of India?
19. Asteroids have their orbits between which planets?
20. With which had the Indus Valley people trade relations?

Answer:
1. Which of the following has been found useful in keeping cholesterol level down?
2. Which Directive Principle is based on Gandhian ideology?
3. The tendency of liquid drop to contract and why does it occupy minimum area?
4. After how many years does Halley’s comet appear once in a period?
5. At which Harappan site have traces of a horse been found?
6. When was the Reserve Bank of India taken over by the Government?
7. Who was the first woman Chief Justice of a High Court?
8. What is the ready source of energy available for athletes?
9. Which is the time required for the Earth to return to a given point in its orbit with reference to fixed star?
10. By whom was the Fourth Buddhist-Council held?
11. After a no confidence motion is admitted to the Lok Sabha, who decides a date for the debate?
12. Which metal was first discovered by man?
13. Who said ‘At the stroke of midnight, when the world sleeps, India will awake to life and freedom’?
14. When it is 12:00 noon in India, what would be the time in San Francisco (USA)?
15. Which rulers held a religious assembly at Prayag every five years?
16. Of which purpose was Nationalisation of banks done?
17. Urine of a diabetes patient contains more than average quantity of which thing?
18. How many times was the term of the Lok Sabha extended upto 6 years?
19. Which activity occupies the largest area of the world?
20. Which was the first scholar, who read Ashokan edicts?

**Answer:**
1. Who was the only Indian woman who became President of WHO?
2. When water is heated from 0 degree C to 20 degree C, how does its volume change?
3. Which is a form of heart disease in which blood supply to the heart is inadequate?
4. Which natural region is best known for the production of grapes?
5. Which is an example of Mauryan art?
6. To whom does UPSC submit its annual report on its work?
7. What are soaps?
8. In India, in which was the service tax first introduced?
9. Which country is well known for diamond cutting industry?
10. At the instance of which ruler was the Kallashanath Temple at Ellora excavated?
11. Which is the first geostationary telecommunication satellite of India?
12. Which animal breathes through the skin?
13. Under whose signature are the members of All-India Services appointed?
14. Which country are World’s leading producer of fertilizers?
15. Where is the temple of Angkorvat?
16. If the angle between two plane mirrors is 60°; then how many number of image will be formed?
17. Late Raja Ravi Verma, was an eminent figure in which field?
18. Under which do all taxes come?
19. Which is the largest temperate desert of the world?
20. In whose rule was Islam, as the state religion, abolished?

**Answer:**
1. Raj Kumari Amrit Kaur
2. It shall increase
3. Angina
4. Mediterranean
5. Bull capital, Rampurva
6. The Union Home Minister
7. Sodium or potassium salts of heavier fatty acids
8. 1994
9. Belgium
10. Krishna I
11. APPLE
12. Frog
13. President
14. U.S.A.-Russia
15. In Cambodia
16. Painting
17. Revenue receipts
18. Patagonian desert
19. 5 17
20. Akbar
1. Dog bite can cause rabies. Which other animal can also cause rabies?
2. In which does the subject of Co-operative Societies fall?
3. Which material is suitable for water purification?
4. Folding is the result of which force?
5. With whom did Alberuni come to India?
6. Bulo C. Rani was associated with which field?
7. How many members are there in the International Finance Corporation?
8. In plant energy is produced during which process?
9. Maoris are the inhabitants of which country?
10. Who was the most famous court-poet (in Hindi literature) of Akbar?
11. With what subject do the Articles 5 to 8 of the Constitution of India deal?
12. In which part of the eye lies the pigment, that decides the colour of the eyes of a person?
13. Who is called the ‘Father of Economics’?
14. The indigenous people living in Fiji and Papua New Guinea belong to which group?
15. By whom was Agra Fort built?
16. Pakistan which rejoined the Commonwealth, had pulled itself out it in which year?
17. Which movement in plant induced by external stimuli?
18. How long the term of the Lok Sabha can be extended?
19. Which city is nearest to the Tropic of Cancer?
20. The treaty of Purandhar was signed in 1665 with Shivaji by which soldier statesman?

Answer:
1. Which chemical is used in foam fire extinguishers?
2. Where is the headquarters of World Health Organization?
3. By whom was concept of Five Year Plans in India introduced?
4. West Bengal shares boundaries with how many foreign countries?
5. Who was the successor of Shivaji?
6. Appetite and satiety centres of brain, where are present in?
7. How are representatives of Union Territories in Lok Sabha chosen?
8. With which can Radio wave of constant amplitude be generated?
9. Which Indian state is known as ‘Land of Five Rivers’?
10. Who was the leader of the Young Bengal Movement?
11. Who is the author of the book colours of the rainbow?
12. Who composed the National Anthem ‘Jana Gana Mana’?
13. Which gland disapear during old age?
14. Which rivers joins Ganga at Allahabad?
15. Who was the leader of Poona Sarvajanik Sabha founded in 1870?
16. Finance Commission consists of how many members?
17. Which element is with the highest electrical conductivity?
18. If the cash-reserve ratio is lowered by the Central bank, what will be its effect on credit creation?
19. Which is not a plantation crop?
20. By whom was first women’s university in India was founded?

Answer:
1. What was Sachin Tendulkar’s average when he made his first thousand runs in ODIs?
2. By whom was the most important theory of general biology proposed?
3. After how many years is Finance Commission constituted by the President?
4. Which is the major silk producing state in India?
5. Who led Vaikom Satyagraha in 1924?
6. In a p-type semiconductor, which are the majority charge carriers?
7. Sergei Bubkha, an athlete of international repute, belongs to which country?
8. Which Public Sector bank’s emblem figures a dog and the words ‘faithful, friendly’ in it?
9. Pediplains and inselbergs are features of the old stage of which cycle of erosion?
10. On the death of Gandhiji, who said that “The light has gone out of our lives…..”?
11. Which harmful element tobacco exists in tobacco?
12. Who is known as the Father of the Indian Constitution?
13. During electrolysis, which the species are discharged at cathode?
14. Which force is responsible for syncline formation?
15. Where was Swarajya declared as the goal of the Congress at its session held in 1906?
16. Who was the 1st President of BCCI (Board of Control for Cricket in India)?
17. Which country won the Cricket World Cup in 2011?
18. The massive hole in the ozone layer over the Antarctica was first discovered in which year?
19. How is general weather associated with anticyclone?
20. During which Gupta king’s reign did the Chinese traveller Fahien visit India?

Answer:
1. When did Mr. Attlee, Prime Minister of England, announce the transfer of power to the Indians?
2. Who is the recipient of Nobel Prize for the development of Wireless Telegraphy?
3. What does Net factor income from abroad added to GDP give?
4. What are tropical cyclones of the Bay of Bengal usually called?
5. Which king of the Gupta Dynasty was called the’ Napoleon of India’?
6. Who was the first woman to win the Jnanpith Award?
7. What is the single greatest current threat to biodiversity?
8. The Lok Sabha Secretariat comes under the direct supervision of which ministry?
9. In India, what is the main limiting factor for cultivation?
10. Who is believed to have created the raga Miyan Ki Malhar?
11. Fisher-Tropsch process is used in the manufacture of which liquid?
12. Dr. Rabindranath Tagore received the Nobel Prize for which work?
13. PIIGS is the group of nations falling under which zone?
14. Which state is the largest producer of black pepper in India?
15. Which was a renowned Jain scholar who greatly honoured by Akbar?
16. Which gland is situated beneath the brain and whose oversecretion produces giants-size children?
17. What is the maximum number of representatives of the States in Lok Sabha?
18. Who laid the foundation of nuclear science in the country?
19. NASA's Deep Impact space mission was employed to take detailed pictures of which comet nucleus?
20. Of which site of Harappan is associated with rice cultivation?

Answer:

1. Who is the youngest player to score a century in test cricket?
2. Which was the lady to win the Wimbledon singles title successfully nine times?
3. There are approximately how many muscles in human body?
4. How does the earth rotate around its axis?
5. Who was killed by Shivaji?
6. By whom is Agricultural Income Tax assigned to the State Governments?
7. Which substance is used as antiknock compound?
8. Terms of economics, which recession occurring two times with a small gap in between?
9. What is the plane of contact of the troposphere and stratosphere?
10. Who usurped the throne of Magadlia in 322 B.C.?
11. Which personality is credited with starting ‘Vana Mahotsava’ in 1950?
12. The deficiency of which leads to dental caries?
13. Trade Union comes under which List?
14. Which instrument used for measuring relative humidity in air?
15. Who is said to have conquered the land between Arabian Sea and Bay of Bengal?
16. What is the SI unit of Young’s modulus of elasticity?
17. ‘I have nothing to offer except blood, sweat and tears’ was said by which person?
18. What is the mean of Cheap Money?
19. Which is Zebras inhabit?
20. Which ruler of southern India were the contemporaries of kings of the Gupta empire?

Answer:
1. In which antibody formation takes place?
2. A Municipal Corporation is set up in a city with howmuch population of not less than?
3. Non-stick cooking utensils are coated with which metal?
4. Where are tropical deciduous or monsoonal forests occur?
5. Which was the great Hindu king who combined in himself the qualities of Samudragupta and Ashoka?
6. Who used the phrase ‘Un-British’ to criticize the English colonial control of India?
7. The writer of Mahabhasya ‘Patanjali’ was a contemporary of which ruler?
8. What is good source of protein?
9. In which region are the most ideal conditions for the chemical weathering are found in?
10. Who laid the foundation of the first independent Turkish kingdom in India?
11. Which is a source of income of the Gram Panchayats?
12. If temperature rises, what will be the coefficient of viscosity of liquid?
13. According to the law of demand, what happens when price increases?
14. Which represents a process of chemical weathering?
15. Who first divided his empire into Iqtas during the process of civil administration?
16. Which river demarcate the partial boundary between South Africa and Botswana?
17. Who is known as father of taxonomy?
18. By which act was the office of Governor General of India created?
19. Which current is produced by upwelling of water off the coast of Chile and Peru?
20. Who said, “Ram and Rahim are the two different name of the same God”?

**Answer:**
1. How can Permanent hardness of water be removed?
2. The Sun City is located in which continent?
3. Which situation makes a firm most efficient?
4. On the shore of which country cold currents have cooling effect?
5. Which pioneer was in preaching Nirguna Bhakti in medieval India?
6. Which animal have no blood but they respire?
7. Who is known as the Father of the Indian Constitution?
8. To an observer on the lunar surface, during the day time, how will the sky appear?
9. The important fishing areas called Grand Bank and Georges Bank located in which region?
10. Which lady wrote a historical account during the Mughal Period?
11. Among the SAARC country, which is the most densely populated country?
12. What is the total number of judges of the International Court of Justice (ICJ)?
13. What is known as Venus’s flower?
14. Sunda Trench lies in which ocean?
15. Between which the Battle of Khanwa was fought?
16. By which is in practice the policy of the Government shaped?
17. What is Electromagnetic radiation with maximum wavelength?
18. During which prime minister was the strategy of Rolling plan was adopted?
19. Aravalli ranges are an example of which mountains?
20. Which war was ended by the Treaty of Madras?

Answer :
1. What was the pen name of Sarat Chandra Chattopadhaye?
2. What is the smallest structural and functional unit of nervous system?
3. To whom are the Ministers individually responsible?
4. Which mountain passes lies outside India?
5. To whom the credit of discovering the sea route of India goes?
6. What is the unit of luminous efficiency of an electric bulb?
7. Which Veda contains an account of magical charms and spells?
8. For howmany years is rolling plan?
9. Where does rainfall from the south-west monsoon reach?
10. Which Indian leader was dismissed by British from the Indian Civil Service?
11. Which is the membrane that protects the developing embryo from desiccation?
12. By whom is the Contingency Fund of the State operated?
13. Which nuclear particles responsible for holding all nucleons together?
14. The retreating monsoon withdraws from which state?
15. Who was associated with supression of Thugs?
16. How many centuries in Tests did Sunil Gavaskar bag when he retired?
17. Which country was readmitted to the Olympics after her 21 year suspension?
18. What is France’s global ranking in terms of the number of animal species under threat?
19. Where is the Indian Wild Ass (Ghor-Khur) found?
20. Who was the first President of the Indian Trade Union Congress in 1920?

Answer:
1. Whose prior consent can the Money Bills be introduced in the State Legislature?
2. If one wants to throw a cricket ball to the maximum distance, then at which angle should he throw it?
3. Through which methods is the national income of India estimated mainly?
4. What is the first month of the ‘Saka era’?
5. Who were popularly known as Red Shirts?
6. Which was the 1st non Test playing country to befit India in an international match?
7. Which type of experiment has the maximum spatial scale?
8. ‘Holding a ‘Bandh’ was declared illegal for the first time in India by which High Courts?
9. Rotation of the earth causes deflection of wind by which force?
10. Who is known as the Ught of Asia?
11. What is generally present in tonics?
12. Who won the Hockey Gold (men) in the 1992 Barcelona Games?
13. Which are referred to as the developed economies?
14. Which component of the atmosphere has increased during the last 200 years?
15. Which king was an ardent follower of Jainism?
16. Which are two richest known sources of edible protein?
17. Who was the Finance Minister of India in the Interim Government during 1946-1947?
18. How are Air-pockets that cause aircrafts to lose altitude suddenly caused?
19. Which region is the world’s best cod-fishing ground?
20. In which century did the famous Chinese pilgrim Fahien visit India?

**Answer:**

1. For which sport is the Val Barker Cup awarded in the Olympic Games?
2. Who is the player to claim 50 ODI wickets in least number of matches?
3. Which nutrients are most likely to be affected by food processing and storage?
4. Which are the Soils that developed in humid tropical regions?
5. Which was the official language of Gupta period?
6. What Minimum age is required to contest for Presidentship?
7. What does mixture of CS₂ and H₂S on passing over heated copper give?
8. Who long do the World Bank and IMF give respectively?
9. ‘Syntaxial Bent’ is a feature of which range?
10. Vasco da Gama discovered the sea-route to India in which year?
11. Which is the most ancient musical instrument?
12. Which is a round worm that enters man’s body through the soles of the feet?
13. In case a President dies while in office, for how many months can the Vice-President act as President?
14. Which waterfall in India has the most height?
15. Which was capital of Raja Ranjit Singh of Punjab?
16. What is the escape velocity of a particle of mass m varies?
17. Which deals of ‘Art of Warfare’?
18. Which country is the largest debtor of UNO?
19. Which Indian port leads in imports?
20. Of which metal were the tools and weapons of Harappan civilisation?

Answer:

1. What is a Dental formula of man?
2. What is the maximum permissible period between two sessions of a State Legislative Assembly?
3. What is the most abundant metal in the earth’s crust?
4. Which state has the maximum length of surface roads?
5. Which God with three heads and horns, surrounded by animals, represented on a seal from Mohenjodaro?
6. What is an example of vestigial organ in man?
7. Which is associated with the formation of brown air in traffic congested cities?
8. What is the Mendel’s principles of inheritance?
9. Foucault experiment is proof of which body?
10. Where had Buddha delivered maximum sermons?
11. Chief Ministers of all the States are ex-officio members of which council?
12. If the temperature of a patient is 40°C, what will be his temperature on Fahrenheit scale?
13. In India, which first bank of limited liability managed by Indians and founded in 1881?
14. In which the radiant energy of the sun is transmitted?
15. Who was the first foreigner to invade India?
16. Jude Felix has established reputation as an Indian player in which game?
17. What is the study of effect of light on various biological life process?
18. Who was made the Home Minister when Jawaharlal Nehru formed the Interim Government in 1946?
19. When can one record the lowest temperature of air?
20. Which Gupta ruler was related to the Licchavis on his mother's side?

**Answer:**
1. Balloons are filled with which gas?
2. Hitendra Desai was a noted figure in which field?
3. Which rural bank has been named after a river?
4. What happens when the water content in the atmosphere?
5. In which inscription are the achievements of Samudragupta described?
6. By which instrument the rate of growth of plant is measured?
7. In which State, no tribe has been declared as ‘Scheduled’ by the President?
8. What is the The chemical part of the dye that absorbs light and produces colour called?
9. In the Semi-arid and Temperate grasslands, which are the most commonly found animals?
10. In which part was the Nagar style of architecture develop mostly?
11. Which Asian languages are UN official languages?
12. How many country are represented in International Monetary Fund (IMF)?
13. Translocation of carbohydrate nutrient usually occurs in which form?
14. Which tree is not a soft wood variety?
15. Which Sultan of Delhi has been described by the historians as the 'mixture of opposites'?
16. When did Mr. Attlee, Prime Minister of England, announce tile transfer of power to the Indians?
17. Which when dissolved in HO gives hissing sound?
18. Unemployment occurs when workers move from one job to another job?
19. Which decaying vegetation produces organic acids which causes a breakdown of minerals?
20. Nicolo Conti, the traveller, who visited Vijayanagara kingdom in 1420 A.D., belongs to which country?

Answer:
1. Who is the author of the controversial book ‘Forbidden Verses’?
2. Pneumoconiosis affects the workers who work mainly in which industry?
3. Who proposed the Preamble before the Drafting Committee of the Constitution?
4. A V-shaped valley is a feature produced by which river?
5. In the Delhi Sultanate, the work of 'Mustauf-i-Mamalik' was related to which?
6. Which is a part of the eye that helps in changing the focal length of crystalline lens?
7. When is International women’s Day recognized by the UN observed?
8. Which type of unemployment mostly found in India?
9. Which is the largest sea in the world?
10. Where did Akbar build the Panch Mahal, noted for its various types of pillars?
11. Food is converted into energy in which of the cellular organelles of cell?
12. According to which system are the members of the Rajya Sabha elected?
13. What does the rusting of iron nail?
14. Who built the mausoleum of Jahangir and where?
15. Which is the largest Gulf in the World?
16. The World Cup Cricket Twenty-20 title in the 2012 was won by why country?
17. Ben Johnson (Canadian) was disqualified in the 1998 Seoul Olympic in the Athletics?
18. What is Study of inter relationship between living organism and their environment?
19. What is the length of India’s coastline?
20. By whom were India’s famous Peacock Throne and the diamond Koh-e-Noor taken away?

Answer:
1. The Rajya Sabha can have a maximum strength of how many members?
2. Which are the best and the poorest conductors of heat respectively?
3. From which sector does the highest sector wise contribution to gross domestic saving comes?
4. Which State has the largest coastline in India?
5. The first Governor-General of India was appointed under the provisions of which act?
6. Saraswati Samman is given annually for outstanding contribution to which field?
7. In dry regions, the leaf size of a tree becomes smaller why?
8. How many subjects are in the State List?
9. The Sivasamudram Falls is on which river?
10. With reference to the Revolt of 1857, who laid siege to Jhansi in March 1858?
11. Which metal is not attacked by the environment?
12. Which book brought the first Nobel Prize to an Indian?
13. Why has the per capita income been low in India?
14. The ‘Chilka lake region’ lies in between the deltas of which rivers?
15. Dhondu Pant is better known as which name?
16. What is richest source of vitamin D is?
17. The distribution of power between Centre and the States is based on which scheme?
18. When light passes from air into glass it experiences change in which things?
19. What is Crop rotation?
20. Whose ideas had influenced Mahatma Gandhi’s thought?

**Answer:**
1. Where did India first win the Olympic Hockey gold?
2. FIFA World Cup 2018 would be held in which country?
3. Which vitamin is synthesised in the body by intestinal bacteria?
4. Which region experiences three cropping season for rice in India (Rice Bowl of India)?
5. With reference to Indian freedom struggle which event occurred earliest?
6. Which was the Capital of Andhra State when it was made a separate State in the year 1953?
7. Which colloidal solution is used in photography?
8. In India, in which sector was the co-operative movement initiated?
9. Which pair of States is the leading producer of tobacco in India?
10. The ‘Paditrupputtu’ is a collection of poems in the praise of which king?
11. Where is the headquarters of UNESCO?
12. Which types of light are strongly absorbed by plants?
13. Which Union Ministry is implementing the Biodiesel Mission (as Nodal Ministry)?
14. Where are diesel locomotives manufactured?
15. The silver coins of the Gupta period were known by which name?
16. When two bodies stick together after the collision, what this is said?
17. Where is the headquarters of Amnesty International?
18. What is the ideal average NPK ratio aggregated for the country as a whole?
19. On which date the earth is at the largest distance from the sun (Apehelion)?
20. Which structure was constructed by Emperor Akbar in Fatehpur Sikri?

**Answer :**

1. Which organ breaks fat to produce cholesterol?
2. By whom the salary and perquisites of the Prime Minister of India are decided?
3. During the fermentation of sugar, which enzyme which converts glucose into ethyl alcohol?
4. The latitude of a place expresses its angular position relative to the place of which point?
5. Who was the first Indian Hindi scholar of the Mughal period?
6. Amnesty International is an organisation associated with which field?
7. Which human organ is most susceptible to harmful radiations?
8. Which part modified into pitcher in pitcher plant?
9. Who introduced the term anticyclone for the first time?
10. Which distinguishes the Harappan from other contemporary civilizations of the world?
11. What about ministry in the event of the resignation or death of the Prime Minister?
12. A temperature difference of 25°C is equivalent to a temperature difference of how many F?
13. Participatory Notes (PNs) are associated with which investors?
14. Why do the tropical cyclones not occur close to the equator?
15. What was the primary purpose of a seal in the Indus Valley Civilisation?
16. What is Anosmia?
17. Entomophily pollination occur with the help of which creatures?
18. English is the official language of which State?
19. Which river does not form any delta at its mouth?
20. Who presided over the first Buddhist Council held at Rajgriha?

Answer:
1. A deuterium nucleus consists of which particles?
2. With which field is Begum Akhtar associated?
3. In which year, some more commercial banks in addition to the first lot of 141 were nationalised in India?
4. Penganga, Wardha and Wainganga are the tributaries of which river?
5. What was the first discourse of Buddha at Deer Park in Sarnath called?
6. A person feel fatigued due to depositon of which acid in their muscles?
7. In which country does State funding of elections take place?
8. What is the quantity that remains unchanged in a transformer?
9. Which planet take maximum time for one revolution around the Sun?
10. Which inscription describes the achievements of Kharavela, king of Kalinga?
11. Who has been designated as the chairman by the IBA?
12. ‘Asian Drama’, by Gunnar Karl Myrdal, is a book on which subjects?
13. In the retina of eye cells what is present for colour differentiation?
14. When will the Smith-tuttle comet crash with Earth?
15. St. Thomas came to India in 1st century A. D. to propogate christianity. During which reign did he come?
16. The President of the Indian Union has the same constitutional authority as which country?
17. How many moles are there is 140 g of Si (atomic mass of silicon is 28)?
18. In which plan was the objective of self-reliance and zero net foreign aid declared?
19. What is the approximate circumference of the Earth?
20. Which Sultan of Delhi had accepted the Suzerainty of the Timurid ruler Mirza Shah Rukh?

Answer:
1. Which book was written by Gandhiji?
2. Which vitamin is essential for the coagulation of blood?
3. Which describes India as a Secular State?
4. When the wind is deflected due to the rotation of the Earth, what is it called?
5. Which part of Delhi where Aibak laid the foundation of the first so called 'Seven cities' of medieval Delhi,?
6. Which is used in storage batteries?
7. When is World Population Day, recognized by the UN is observed?
8. Who was the first Chairman of the Planning Commission?
9. The equatorial regions receive rainfall throughout the year. What is the annual rainfall?
10. When Abdur Razzak from Persia visited Hampi, who was the ruler of Vijayanagar in South India?
11. How much protein a working woman must intake everyday?
12. Who was the first leader of the Opposition in the Rajya Sabha?
13. An element X forms an oxide X03. What is the valency of X?
14. Which is the world’s largest desert?
15. From where Alauddin Khalji captured the Delhi throne after securing fabulous wealth?
16. Which year is celebrated as International Year of the Shark?
17. Who was the first Indian woman to scale the Mount Everest?
18. What is the introduction of foreign genes for improving genotype?
19. The problem of leaching of the soil is more pronounced in the areas how rainfall is there?
20. Who was the first Mughal emperor to allow Britishers to establish trade links with India?

Answer:
1. In the context of Indian wild life, what is the flying fox?
2. Who appoints the Chairman of the UPSC?
3. Why is In a hydel station the motion produced in turbines?
4. Moon shaped sand-dunes, formed by which wind action?
5. During the decline of the Mughal empire By whom were the Jats were organised into a political force?
6. Which is useful in the detection of landmines?
7. Which instrument used to measure the force and velocity of the wind?
8. Which is the phylum that includes exclusively marine animal?
9. Which river has the largest drainage basin?
10. In which year was the Third Battle of Panipat fought?
11. What is the part of the Constitution that reflects the mind and ideals of the framers?
12. Which polymeric material is used for making bullet proof jacket?
13. Upon which development the Second Five Year Plan laid mote stress?
14. Which is the largest fresh water lake in the world?
15. Who’ among the following Governor-Generals formed the Triple Alliance against Tipu Sultan?
16. Pandit K.G. Ginde, was well known for his contribution in when field?
17. Insects that can transmit diseases to human are referred to as which name?
18. In India, the concept of single citizenship is adopted from which country?
19. In which sea are the Lakshadweep Islands are situated?
20. Who was elected as the President of All-India Khilafat Conference when it met at Delhi in 1919?

Answer:
1. What is most suitable for the core of an electromagnet?
2. What is common between Kutty, Shankar, Laxman and Sudhir Dar?
3. On which bast is the India’s wage policy?
4. Which is east of the Andaman and Nicobar Islands?
5. Who pioneered Khilafat Movement?
6. Which insect spreads kala-azar?
7. How many members of the Rajya Sabha are nominated by the President of India?
8. Which is the main ingredient in cement?
9. By what name is the Ganga known in Bangladesh?
10. Who voted against the partition of India in the A.I.C.C. meeting held on 14 June 1947?
11. Late Girilal Jain was a noted figure in which field?
12. Where is the headquarters of East African Development Bank?
13. Which industry produces the most non-biodegradable wastes?
14. Which peninsular river is westward flowing?
15. Who is regarded as the ‘Mother of the Indian Revolution’?
16. How much the time gap between two sessions of the Parliament should not exceed?
17. A convex mirror makes a good rear-view mirror for a car. Why?
18. In recent years, how have the capital outlays for the defence service?
19. Ankaleshwar and Navagaon are two oil fields in which state?
20. What was the capital of Hoyasals?

**Answer :**
1. When was ‘Common Market for Eastern and Southern African (COMESA) formed?
2. What is the interrelated food chains in an ecological community?
3. By whom is the conditions of service and tenure of the Election Commissioner prescribed?
4. Where was the first oil well in India was dug?
5. Timur, the Lame invaded India during the reign of which ruler?
6. Which elementis produced when concentrated cinnabar is roasted in the excess of air?
7. Where is the headquarters of Pan American Health Organisation?
8. Which is the most important item of non-plan expenditure?
9. Neap tides occur during which phase of the moon?
10. Which Peshwas was popularly known as Nana Saheb?
11. Which vegetable protein is considered as good as an animal protein?
12. In which year were the first general elections in India held?
13. Which nuclides having the same number of neutrons but different number of protons or mass number?
14. Which oceanic tidal wave that moves upto 200 MPH and is up to 1000 feet high?
15. Which Maratha Peshwa followed the ideal of Hindu Pada-Padshahi?
16. When is World Blood Donor Day, recognized by the UN is observed?
17. When is International Day of Democracy, recognized by the UN observed?
18. To which type of organisms do mushrooms belong?
19. Plants having thorny leaves and penetrating roots are classified by which name?
20. To which age the Indus Valley Civilization belongs?

**Answer:**
1. What was the main stipulation of Government of India Act, 1935?
2. Which compound is known as white vitriol?
3. A person returning from abroad can retain foreign currency up to what period?
4. Which environment leads to the occurrence of acid rain?
5. Which sites of Harappan are not in India?
6. Which decade is celebrated as United Nations decade of sustainable energy for all?
7. Which type of the fruit formed without fertilisation?
8. By which act did the Crown take the Government of India into its own hands?
9. What is the Jharkhand’s contribution in the total coal production in India?
10. Between which was the ancient town of Takshasila located?
11. For the measurement of temperature of the order of 400°C, what will we prefer?
12. The term L.B.W. is associated with which game?
13. Who is called the ‘Father of Economics’?
14. In which year Atomic Energy Commission (AEC) was setup in India?
15. Which Mauryan emperor abdicated his throne and migrated to the south to live as Jain ascetic?
16. Which is the plant hormone that induces cell division?
17. By whom is the Annual Financial Statement caused to be laid before both Houses of Parliament?
18. In vulcanisation, with which the natural rubber is heated?
19. Which planet of the solar system spins on its axis at the fastest rate?
20. Which Gupta ruler was a poet and a musician and was adorned with the title of Kaviraja or King of poets?

Answer:

1. Indian first took part in the Olympic Games in which year?
2. Which is the only woman to have won three Wimbledon titles in a row?
3. Which algae is used as biofertilizer in the production of crop paddy?
4. Which planet is known as the ‘Watery Planet’?
5. On which river did Pulakesin II defeat Harshavardhana?
6. How are the members of the Rajya Sabha elected?
7. When lake starts freezing the formation of the ice will start first at which point?
8. How is the standard of living in a country represented?
9. What will be the antipodal position of a place located at 350 south and 800 west?
10. Who was the first Muslim ruler to formulate the theory of Kingship similar to the theory of divine right of King?
11. Where is Salar Jung Museum situated?
12. Which unicellular algae are used as source of oxygen in space research?
13. Who appoints the Chief Election Commissioner of India?
14. If news is broadcast from London at 10:30 AM, at what time it will be heard at Baghdad (450 E)?
15. Which ruler in India challenged the authority of the Ulemas or Muslim clergy?
16. Which is used as a filler in rubber tyres?
17. Indian Institute of Naturopathy and Yogic Science is located at which city?
18. Which is the best measure of economic growth of a country?
19. Where is the Taiga belt found?
20. Who was the ruler of medieval India who is credited with the building of the Grand Trunk Road?

Answer:
1. What is the Branch of science which deals with the study of skin of man?
2. Up to how much age can the Members of the Union Public Service Commission function?
3. The north pole of the earth’s magnet is near the geographical which direction?
4. Which region gets no rainfall throughout the year?
5. Tansen, the greatest musician of Akbar’s court, belonged to which place?
6. Where is the The International Court of Justice located?
7. On which date the United Nations Organisation came into existence?
8. Which branch of science in which we study about molluscs?
9. Bowl shaped depression created as a result of glacial erosion high on a mountainside what is this called?
10. Which Mughal ruler was ignorant of the art of reading and writing?
11. Of which country Indian Constitution closely follows the constitutional system?
12. Alcoholic fermentation is brought about the action of which thing?
13. What is the aim of Operation Blackboard?
14. What is Residual hill in the desert region?
15. Who had the Revenue system during Akbar’s reign?
16. By whom was the principle of ‘Black hole’ enunciated?
17. Which antimicrobial drug is suitable for treatment of both tuberculosis and leprosy?
18. The inspiration of ‘Liberty, Equality and Fraternity’ was derived from which revolution?
19. Which is the largest irrigation canal in the world?
20. Who bestowed the Office of Peshwa on Balaji Vishwanath?

Answer:
1. If the current in the core decreases, what will the strength of the magnetic field be?
2. What is the commonly used unit for measuring the speed of data transmission?
3. The Govt. of India does not provide any direct financial assistance to which scheme?
4. Why is fog common around Newfoundland coast?
5. When Raja Wodeyar founded the kingdom of Mysore, who was the ruler of the Vijayanagar Empire?
6. Which tissue help in keeping the body warm?
7. Which State sends the maximum number of members to the Rajya Sabha?
8. Which gas has maximum colorific value?
9. Which is the capital of the Union Territory of Dadra and Nagar Haveli?
10. Who was the head of the Committee formed by the government to enquire into Jallianwala Bagh massacre?
11. Limba Ram is associated with which field?
12. Ms. Shilpa Singh Miss India Universe belongs to which city?
13. A molecule of glucose on complete oxidation yields how many ATP molecules in case of aerobic respiration?
14. Kanchipuram is in which state?
15. Who was known as the ‘Liberator of the Press’?
16. By whom is the Chairman of Public Accounts Committee appointed?
17. A lighted candle gets extinguished when covered with a tumbler. Why?
18. With which India’s progress has been reasonably satisfactory in connection?
19. Which river flows between the Vindhya and Satpura ranges?
20. Which was a journal brought out by Abul Kalam Azad?

**Answer:**
1. The famous book ‘The Daughter of the East’ is written by which woman?
2. In anaerobic respiration, what is the net gain of ATP per glucose molecule oxidised?
3. By whom are the Chairman and members of State Public Service Commission appointed?
4. Which is an east flowing river of Indian Peninsula?
5. Against whom did Gandhiji started Satyagraha movement in 1919 in protest?
6. The elements of group VA are generally known as which name?
7. ‘In Custody’, an English novel, is written by which woman?
8. How is development?
9. Apart from Tamil Nadu, lignite is found in which state?
10. Who started the newspaper called the “Voice of India”?
11. In which kind of organisms is the phenomenon found wherein the female kills the male after copulation?
12. Who appoints the Chairman of the UPSC?
13. Which pairs of rays is electromagnetic in nature?
14. Which State of India has the largest reserves of monazite, with a high thorium content?
15. At the beginning of the twentieth century, who published ‘The Economic History of India’?
16. The United Nations declared 2013 as which International Year?
17. When is World Day Against Death Penalty, recognized by the WCADP observed?
18. In which animal, is skin a respiratory organ?
19. Which kind of organisms are the diatoms?
20. Which Sultan had greatest number of slaves in his court?

Answer:
1. Which describes India as a Secular State?
2. Which gase changes lime water in milky colour?
3. Planning in India derives its objectives from which policy?
4. There is a submarine ridge in the Bay of Bengal. What is it called?
5. Who was the ruler of Deogiri at the time of Alauddin Khalji’s invasion?
6. Who has scored the most runs in a one day International Cricket innings?
7. Which is the type of movement that occurs during opening and closing of flower?
8. The source of India’s sovereignty lies in which thing?
9. Which sector of the economy is state owned and its service sector is a public enterprise?
10. Which Sikh Guru assumed the title ‘Sachcha Badshah’?
11. Mercury thermometers can be used to measure temperature up to how many °C?
12. Which player has scored the most run in a single Test Innings?
13. In which sector is 70% of working population of India engaged?
14. Which is the largest producer of fruits in the Anglo-American Region?
15. Which Governor General had entertained Ranjit Singh with great honour at Ropar?
16. What is required for synthesis of carbohydrate?
17. How many times can the President of India return a Non-money Bill, passed by Parliament?
18. What does Gobar gas contains mainly?
19. Which is the state that is top in the cultivation of flowers?
20. Why is Mohenjodaro is also known?

Answer:
1. Preamble to the Constitution
2. Carbon dioxide
3. Directive Principles of State policy
4. Ninety east ridge
5. Ramchandra Dev
6. Virendra Sehwag
7. Nastic movement
8. Preamble to the Constitution
9. Irrigation
10. Guru Teg Bahdur
11. 360°C
12. Brain Lara
13. Primary sector
14. California
15. William Bentich
16. Carbon dioxide
17. Once
18. Methane
19. Tamil Nadu
20. Mound of the Dead
1. In which country were the first Asian Games held?
2. Which game does Anuja Thakur play?
3. Which gland is responsible for the secretion of insulin?
4. The small and marginal farmers will get irrigation facilities through which plan?
5. Which Harappan site is showing evidence of two cultural phases, Harappan and pre-Harappan?
6. How long the term of the Lok Sabha can be extended?
7. The change in temperature of a body is 50°C. What is the change on Kelvin scale?
8. In recent years, how have the capital outlays for the defence service?
9. What is Super Nova?
10. In early ancient India, which was "the largest urban centre?"
11. Which leaders took major initiative in the formation of the League of Nations?
12. What is a good source of Vitamin ‘E’?
13. The levying of which following taxe is outside the jurisdiction of Municipal Corporation?
14. What the twelve constellations to as zodiac?
15. Which, ancient’ Indian King claimed ekarat (the sole sovereign) or the first Imperial ruler of India?
16. Which are the important raw materials required in cement industry?
17. The headquarters of the International Red Cross is situated in which city?
18. Which is the most important item of non-plan expenditure?
19. Which type of rainfall that occurs when wind rises up along a hill or mountain barrier?
20. By whom was Kadambari was written?

**Answer:**
1. What is the abiotic component of ecosystem?
2. What is the intermediate tier of the Panchayati Raj System called?
3. What is not the cause of low conductivity of electrolyte?
4. What is the amount of actual water vapour of air?
5. Who was the head of the University of Nalanda the great Bengali scholar?
6. The famous Petronas Twin Towers are located in which country?
7. How is Missile ‘Astra’?
8. Epiphytes are plant which depend on other plants for which purpose?
9. Scanty rainfall of less than 50 cm per annum is received which latitudes?
10. Which ruler is most famous for building a large number of canals for irrigation?
11. The amendment procedure laid down in the Constitution of India is on which pattern?
12. Cooking gas is a mixture of which gases?
13. What is the main objective of Antyodaya programme?
14. Which type of rainfall occurs at places having continental type of climate?
15. Who was assigned the first Iqta in India by Mohammad Ghori?
16. Where is the headquarters of the International Telecommunications Union?
17. Which acid is produced when milk gets sour?
18. Who was the first Foreign Minister of free India?
19. Which is the largest volcano crater in the world?
20. Which is similar to the Taj Mahal in construction?

Answer:
1. What is Electric field intensity at a point a hollow charged spherical conductor?
2. How many member country were founder of the Southern African Development Community?
3. In which year Swarn Jayanti Gram Swa-Rozgar Yojna came into being?
4. Which is a typical feature of volcanic eruption?
5. The most famous musician at the court of Akbar was Tansen. what was his original name?
6. What is the most important requirement for the people of a flood hit area?
7. By whom is the Annual Financial Statement caused to be laid before both Houses of Parliament?
8. Which are the most commonly used chemicals in the artificial rain making or cloud seeding?
9. Which country is land locked?
10. The Maratha, confederacy was virtually dissolved after which battle?
11. The General happiness is the end of the state”, who said this?
12. Who is the author of the book ‘A bend in the River’?
13. Which hormone is responsible for the secretion of milk in mothers?
14. Which is the largest island?
15. Which Indian king requested Napoleon for help to drive the British from India?
16. How are the members of the Rajya Sabha elected?
17. What happens, When water is heated from 0°C to 10°C the volume of water?
18. By which is National income of India compiled?
19. Indian sovereignty in sea extends upto how many nautical miles?
20. What was the earliest public association formed in the history of modern India in 1837?

Answer:
1. Olympic Games after 4th century AD Restarted (Under IOC) from which year?
2. A vein is a vessel that carries blood which side?
3. Where can the report of the UPSC discussed?
4. Mount Everest, the highest peak in the world, is located in which country?
5. Who wrote the book “A nation in the making”?
6. Which compound does not give a positive test in Lassaigne’s test for nitrogen?
7. What is the duration of a normal one half of a Hockey match?
8. If saving exceeds investment, how will the national income?
9. What do you understand by the word regur?
10. By whom was the clarion call ‘Dilli Chalo’ was given?
11. What is in lichen symbiotic relationship between fungi and algae called?
12. To whom is the resignation letter of a State Public Service Commission member addressed?
13. With which instrument can a sailor in a submarine see the objects on the surface of sea?
14. Where is the average annual rainfall highest?
15. Who was the President of the Indian National Congress at the time of Indian Independence?
16. Who is the recipient of the first ‘Moortidevi literacy Award’?
17. Which feature film is official nominee for Oscar, 2013 from India?
18. Litmus paper used in laboratory from which obtained?
19. Which is located in the’ Bastar region?
20. In how many adhikaranas is the Kautilya’s ‘Arthashastra’ divided?

**Answer:**
1. Why are the Fundamental Freedoms under Article 19 suspended during emergency?
2. Which acid is used in synthetic lemonade?
3. Economic Planning is a subject of which list?
4. What is the position of Indian Railways network in the world?
5. Who identified the name Sandrocottus as Chandragupta Maurya?
6. Central Arid Zone Research Institute is located in which state?
7. Which primate is nearest to modern man?
8. What does the theory of Fundamental Rights imply?
9. Which is the correct sequence in terms of descending values of Albedo?
10. During the Mughal rule, by which name was the copper coin known?
11. At absolute zero temperature, what will be the kinetic energy of the molecules?
12. Where is the headquarters of Oil and National Gas Commission?
13. By which ministry is Economic survey published?
14. Which is the instrument that measures air pressure?
15. The Battle of Khanwa in 1527 was fought between which rulers?
16. Middle ear is not found in snake. Through part do they receive sound?
17. In which of the Parliamentary Financial Committees is the Rajya Sabha not represented?
18. By whom was the quantum theory first enunciated?
19. Which river emerges from Amarkantak plateau in Madhya Pradesh?
20. 'The world is God and God is my soul' In which is the philosophy contained?

**Answer:**
1. The World Consumer Day is being observed on which date?
2. Which is the 193rd member of UNO?
3. Through which are the characters are transferred from parents to progeny?
4. Gangotri, Yamunotri, Kedarnath, Badrinath and Mussorie lies in which state?
5. What was the name of the learned lady who is said to have debated with the famous law-giver Yajnavalkya?
6. From which fund are the salaries of the Judges of the Supreme Court drawn?
7. With rise of boiling point of a water, what will be the latent heat of steam?
8. On which do Companies pay Corporation Tax?
9. What is the word used to describe the shape of earth?
10. One the banks of which river were Alexander and Porus involved in a grim battle?
11. Where is the headquarters of UNHCR located?
12. Which branch of biology deal with the study of heredity?
13. From which of the country, Constitution of India has adopted fundamental duties?
14. What is the radius of the earth approximately?
15. Where did Alexander die?
16. If a proton of mass m is moving with velocity of light, how will its mass?
17. If we sprinkle common salt on an earthworm, why does it die?
18. By which is National income of India compiled?
19. Frontal rain is caused which activity?
20. Bronze coins of Nataraja cast during the Chola period invariably show the deity with howmany hands?

Answer:
1. Which combination of foods providing protein quality nearest to that of meat?
2. What does the Constitution name our country?
3. A hydrogen atom is paramagnetic. What is a hydrogen molecule?
4. Which type of rainfall is often accompanied with lightning and thunder?
5. During which reign did the Vimana style in temple architecture come into vogue?
6. What is the period of revolution of a geostationary satellite?
7. United nations adopted a charter of Economic Rights in which year?
8. Which disease is inheritable?
9. What do the contact of two air masses differing sharply in humidity originate?
10. The most important feature in the economic measures pursued by Alauddin Khalji what was that?
11. On which day is the budget, in normal circumstances, presented to the Parliament?
12. Which of the toxic heavy metals is found in modern tannery industries?
13. When was the Rolling plan designed?
14. Compared to other slopes in the northern hemisphere which is the warmest?
15. Who introduced the famous Persian festival of Nauroj in India?
16. Which organization was established as the Bretton Woods Conference in 1944?
17. Why is tetracycline is used?
18. Which is the largest Committee of the Parliament?
19. On moving from a pole to the equator what we find in population of plants and animals?
20. Chand Bibi, who ceded Berar to Akbar, was the ruler of which kingdom?

Answer:
1. Sprouted gram and groundnuts
2. India, that is Bharat
3. Diamagnetic
4. Convectional
5. Cholas
6. 24 hours
7. 1974
8. Colour blindness
9. Temperate cyclones
10. Market control
11. The last day of February
12. Chromium
13. 1978-83
14. South facing
15. Balban
16. IMF
17. As anti-plague drug
18. The Estimates Committee
19. Increase
20. Ahmednagar
1. The year 1995 is the golden Jubilee year of which international organizations?
2. As per latest data in urban areas women employment is highest in which industry areas?
3. By which doctor was the first successful heart transplant in India performed?
4. Petroleum is generally found in which rocks?
5. Who was regarded as ‘Zinda pir’?
6. In which State was the Panchayat Raj first introduced?
7. Which contain high content of lead?
8. When is World Malaria Day, recognized by the WHO observed?
9. Which Rocks are formed by the solidification of lava on the earth’s surface?
10. When did the British Govt. start ruling India directly?
11. Chris Even’s name is associated with which sport?
12. Which Photosynthetic organelles are found in plant cells?
13. In which year was Panchayati Raj started in the country?
14. Which is the highest grade of coal whose surface is shining and has the highest calorific value?
15. Nadir Shah invaded India during which reign?
16. What is the approximate velocity of light per second?
17. On which do Companies pay Corporation Tax?
18. ‘Ashes’ is the term associated with which sport?
19. Where is Pakistan’s nuclear power plant located?
20. Who recaptured Delhi from the rebels for the British?

Answer:
1. UNO
2. Retail Trade
3. Dr. Venugopal
4. Folded marine sedimentary rocks
5. Aurangzeb
6. Rajasthan
7. High octane fuel
8. April 25
9. Basalts
10. After Sepoy Mutiny
11. Tennis
12. Chloroplast
13. 1959
14. Anthracite
15. Muhammed Shah
16. $3 \times 10^8$ m
17. Incomes
18. Football
19. Kahuta
20. John Nicholson
1. Besides water and light which is more essential as a raw material for photosynthesis?
2. Which can impose reasonable restrictions on the Fundamental Rights of the Indian citizens?
3. Denatured spirit is a mixture of ethyl alcohol, methyl alcohol and which other thing?
4. What is the administrative capital of South Africa?
5. During the 1857 Revolt who captured Gwalior from the Scindhia?
6. Who was the first to receive the Nobel prize?
7. Which tax is not levied by the Union Government?
8. During rainy seasons why do doors made up of wood swell up?
9. Arakan Yoma is the extension of the Himalayas located in which country?
10. In the history of the freedom movement of India, the year 1930 is associated with which event?
11. The Fundamental Right to Property has been deleted by the which Amendment Act?
12. Why are Clear nights cooler than cloudy nights?
13. Manav Seva Award has been instituted in the memory of which person?
14. Which is most prone to earthquakes?
15. Who was not the member of the Cabinet Mission which visited India in 1946?
16. Indian Army’s School of Artillery is located at which place?
17. What is the growth movement in plant due to light called?
18. What is the maximum number of elected members in a State Assembly?
19. Of the floating iceberg in the sea, how much is the portion remaining above the sea level?
20. At which place is the famous Kailasha Temple located?

Answer:
1. By which enzyme is Urea converted into ammonia and carbon dioxide?
2. Who sings on ten rupee notes?
3. At which city is Largest mint in India located?
4. Which state has the largest forest area to its total land area?
5. Which one of the Chola Kings conquered Ceylon?
6. Thyroid gland is activated by which harmonic for the secretion of thyroxin?
7. To whom is a minister in a State individually responsible?
8. Which colour of heat radiation represents the highest temperature?
9. Which element is in the highest amount in the composition of basalt rock?
10. Hyder Ali was defeated at Porto Novo by which British General?
11. In which year was the first telegraph line between Calcutta and Agra opened?
12. When was the decimal system of currency introduced in India?
13. Which salt is found in bone in largest amount?
14. Which plain formed due to the weathering of limestone?
15. Who issued Firman granting Diwani of Bengal, Bihar and Orissa to the English?
16. In which article Right to education is a fundamental right?
17. Which fertilizer has more nitrogen content?
18. Which Indian bird has been included in the world conservation list?
19. Trees in tropical deciduous forest shed their leaves in which season?
20. How many hymns does the Rigveda consists?

Answer :
1. Which Indian missile is capable of carrying nuclear weapons?
2. Which Scientists has established the ‘Phylum Annelida’?
3. How is the censorship of the press judged?
4. Plants which lack true roots, stems and leaves are called by which name?
5. In Rigvedic society, which was unknown?
6. Why are Clear nights colder than cloudy nights?
7. What is the investment in public works?
8. Which was India’s first-ever tactical missile?
9. Which product is the export leading from India in the terms of value?
10. Which edicts mentions the personal name of Ashoka?
11. Human protein x–1– antitrysin is used for which disease?
12. To whom does the Public Accounts Committee submit its report?
13. Which does not wet the walls of the glass vessel in which it is kept?
14. Which industry does not earn foreign exchange for India?
15. To whom was the title 'Devanam Priya' given?
16. Where is the Central Food Technology Research Institute situated?
17. What does Net factor income from abroad added to GDP give?
18. Food wrapped in newspaper is likely to get contaminated with which disease?
19. Which is the planet its length of its day and the tilt of its axis are almost identical to those of the earth?
20. Where did the Pallava kings make of rock-cut temples?

Answer:
1. Which is the highest and final judicial tribunal in respect of the Constitution of India?
2. If a U-238 nucleus splits into two identical parts, how will the two nuclei be so produced?
3. Where is the Securities and Exchange Board of India located?
4. Which is the hottest planet?
5. By whom was the temple of Konark built?
6. Which year is celebrated as International Year of Quinoa?
7. Which plant produces seeds but not flowers?
8. Which is not the concern of the local government?
9. What is the distance between two consecutive longitudes (910 E and 920 E) at-the Poles?
10. Who was the founder of the second Afghan Empire in India?
11. Which metal is used for making boats because it does not corrode by seawater?
12. Why is Poverty in less developed countries largely?
13. When is the Commonwealth Day observed by its member countries?
14. How many kilometres are represented by 10 of latitude?
15. What was the official language of the Delhi sultanate?
16. For which snake is the diet mainly composed of other snakes?
17. In which part is the provision of amending the Constitutional Provision is given?
18. If a proton of mass m is moving with the velocity of light, what will its mass be?
19. The highest annual precipitation occurs in which basin?
20. Which popular Sufi Silsilah tried to counteract the liberal religious policy of Akbar?

**Answer:**
1. Susi Susanti, held the Grand Slam title in which game?
2. Who is most benefitted from inflation?
3. Which insect spreads Kala-azar? – Sand fly
4. What is Snow line?
5. Who was the first Mughal emperor to issue a firman in favour of the British to open a factory at Surat?
6. In whom the executive authority of the Union is vested by the Constitution?
7. Which is a strong smelling agent added to LPG cylinder to help in the detection of gas leakage?
8. Who is the first Indian to take a hat trick in an international test?
9. In which type of rocks are metals like gold and copper mostly found?
10. Who concluded the Treaty of Srirangapatnam with Tipu Sultan?
11. Survey of India is under which ministry?
12. Food prepared by plant, through which is transported to different part of plant?
13. Which Chief Justice of India has acted as President of India?
14. Which is a metamorphic rock?
15. Who was the second Portuguese Governor in India?
16. What is the best conductor of electricity?
17. From which sector is the largest contribution in India’s National Income?
18. Which was the first atomic power reactor in India?
19. The 38th parallel separates which countries?
20. Which Act removed the legal recognition of slavery in India?

**Answer:**
1. Vascular cambium and cork cambium is the example of which thing?
2. When did the first linguistic State of Andhra come into existence?
3. Which of the element of group 17 is radioactive?
4. What was the earlier name of Surinam?
5. Who gave the slogan ‘Inquilab Zindabad’?
6. Who is associated with the coinage of the name ‘United Nations’?
7. What are “Open Market Operations”?
8. What is responsible for blue body syndrome?
9. Which is the highest peak in South India?
10. The Operation Polo was associated with the annexation of which Princely States into Indian Union?
11. The States Reorganisation Act created how many States and Union Territories?
12. Which has the least penetrating power?
13. Which are the working language(s) of the UNESCO?
14. Zozila Pass connects regions?
15. The name of Ram Prasad Bismil is associated with which case?
16. Opium-war was fought between which countries?
17. Which landmark in medical history was the first to take place?
18. Which amendments accorded precedence to Directive Principle over Fundamental Rights?
19. At which place is the monkey called Lion-tailed macaque naturally found?
20. Who was the Hindu saint to have as disciple both Hindus and Muslims?

Answer:
1. Most of the explosions in mines occur due to the mixing of things?
2. Which is the ‘Slack Season’ in the Indian Economy?
3. Which metal causes Itai-itai disease?
4. Which state is the percentage of forest area to total geographical area the highest?
5. Who was the most radia of the Bhakti Saints?
6. What is the number of plant species estimated to be present in India?
7. In which part of the Constitution the concept of Welfare State finds elaboration?
8. Which is the example of ideal black body?
9. Aretes are sharp ridges which develop between adjacent?
10. In which year, the Battle of Buxar was fought?
11. The International Court of Justice was established in which year?
12. On which bast is the India’s wage policy?
13. Which is the first national park established in India?
14. The term ‘truncated spur’ is associated with which process?
15. Who was the Governor General when the first Anglo-Burmese was started?
16. Which writ is a bulwark of personal freedom?
17. Glass is made of the mixture of which things?
18. When was the Universal Postal Union (UPU) establish?
19. Which activity occupies the largest area of the world?
20. From where The Great Granary of the Indus Valley Civilization has been discovered?

Answer:
1. When is World Day for Water, recognized by the UN observed?
2. What is the Biological death of a patient?
3. Which writ may be issued to enforce a Fundamental Right?
4. Which is the chief characteristic of wet and dry tropics?
5. Where was the Great Bath of the Indus Valley Civilization discovered?
6. What is a graph is plotted taking °C along the Y-axis and of K along the X-axis?
7. What is the situation with increasing unemployment and inflation termed?
8. When is the ‘World AIDS Day’ observed all over the world?
9. The Hindustan steel Ltd. Durgapur has been set up with the help of which country?
10. Who was the Greek ambassador in the court of Chandragupta Maurya?
11. Inside the body, why does blood not coagulate?
12. Department of Official Language (Raj Bhasha Vibhag) comes under which Ministries?
13. Acetyl salicylic acid is commonly used as which medicine?
14. Which is not a foot-loose industry?
15. Megasthenese was the Ambassador of which ruler?
16. Who has taken the highest number of wickets in Test Cricket?
17. Which can be used for checking inflation temporarily?
18. Production of which is a function of the liver?
19. Which planet is known as ‘Morning Star’?
20. The Khajuraho shrines built by Chandella rulers are dedicated to which god?

Answer:
1. In which years did the Right to Information Act come into force?
2. The electron emitted in beta radiation originates from where?
3. The name of Geoff Bycott is associated with which game?
4. What is exact time taken by the earth for single rotation on its own axis?
5. Who built the famous Dilwara temple at Mount Abu in the 13th century?
6. Who was first President of U.S.A. to visit India?
7. Where is Human body’s main organ of balance located?
8. Whow resigned as Vice-President to contest for the office of the President?
9. Which chemically inactive gas present in the atmosphere?
10. By whom was the Persian style of Sabaq-i-Hindi adopted?
11. By whom was the absolute value of charge on electron determined?
12. What does real national income denote?
13. Who was the first PM of England?
14. What are the Doldrums?
15. Which acquired the double dome for the first time?
16. What is the net gain of energy from one gram mole of glucose during aerobic respiration?
17. Where are the disputes regarding the election of the President and Vice-President settle?
18. From which the cathode ray particles originate in a discharge tube?
19. Which is the country that has the greatest length of the day during summer?
20. Which Mughal emperor is credited with the composition of Hindi songs?

**Answer:**
1. Which laser type is used in a laser printer?
2. Under VAT, how many slabs are there?
3. In plant body, by which the water and minerals are transported?
4. Wood pulp comes from which region?
5. Which first Mughal building to have been built entirely of marble?
6. After how many years is Election of Rajya Sabha held?
7. Which element has two electrons in the K-shell only?
8. How much is one barrel of oil approximately equal to?
9. Where are the oceanic current named as ‘Kuroshio, Kurile and Alaskan’ located?
10. Which is the oldest surviving newspaper in India?
11. Charles Correa has distinguished himself in which field?
12. Major part of CO₂ is transported to respiratory surface in form of which ion?
13. The powers of the Election Commission are given in which Article of the Constitution?
14. Which sea is without a coast?
15. Who remarked ‘the bones of the cotton weavers are bleaching the plains of India’?
16. What is the energy of the winds and the waves?
17. What is the cause of inflation?
18. Michael Jackson was a distinguished personality in which field?
19. Which can come across if one travels through the Strait of Malacca?
20. Who founded the Banaras Hindu University?

Answer:
1. Which what is necessary for digestion of food?
2. Why are the Fundamental Freedoms under Article 19 suspended during emergency?
3. Which type of isomerism is shown by diethyl ether and methyl propyl ether?
4. Which river flows through a rift valley?
5. Which Mahajanapada was situated on the bank of river Godawari?
6. Who is the author of the book ‘Nineteen Eighty Four’?
7. Who is most benefitted from inflation?
8. Which element is depleted most from the soil after a crop is harvested?
9. The Naga hills form the watershed between India and which country?
10. Which dynasty was ruling over North India at the time of Alexander’s invasion?
11. What does the theory of Fundamental Rights imply?
12. On which principle does Rocket work?
13. Who is the author of the best seller book ‘No Full stops in India’?
14. In the realm of coal production in the world, what is the rank of India?
15. Amir Khusrau played a pioneer rule in the development of which thing?
16. Who is the leading wicket taker in the history of Test Cricket?
17. Which animal that eats both plants and animals?
18. By whom is the Governor is appointed?
19. Which has the largest number of sugar mills?
20. Where is the Shrine of Hazarat Nizamuddin Auliya is situated?

Answer:
1. Which allotrope of the carbon is used in cutting and drilling?
2. Which treated as artificial currency?
3. Which place is known as the ‘Mecca of Indian Football’?
4. What is the slow wobbling of Earth as it spins on its axis called?
5. Which god was not worshipped during the time of Rigvedic Aryans?
6. Which element is essentials for the transmission of impulses in the nerve fibre?
7. What is the maximum permissible period between two sessions of a State Legislative Assembly?
8. If the mass of the pendulum is doubled, what will its the time period?
9. Wireless communication is reflected back to the earth’s surface by the which zone?
10. Which was the chief feature of Rig Vedic religion?
11. Who won the Man Booker Award in 2012?
12. Terms of economics, which recession occurring two times with a small gap in between?
13. In certain amino acids, which elements is found in addition to carbon, hydrogen, nitrogen and oxygen?
14. Which is east of the Andaman and Nicobar Islands?
15. Who was a contemporary of Gautama Buddha?
16. Under which ministry is the National River Conservation Directorate?
17. Dialysis is used for people with defective kidneys. What does it involves?
18. Who has been awarded the Sydney peace Prize 2012?
19. What is the difference between IST and GMT?
20. Who was the first monarch of Magadh kingdom In the sixth century B.C.?

Answer :
1. Uranium Corporation of India Limited is situated in which state?
2. How much portion of egg does protein content?
3. Which States has granted Sanskrit language the status of the second official language of the State?
4. What is the period of one revolution of sun around the centre of galaxy called?
5. The rock-cut caves at Elephanta belong to which period?
6. Which are waves moving from a sitar to a listener in air?
7. In which case is the area under cultivation is declining fast?
8. The first neutron reactor of India, ‘Kamini’, is situated at which place?
9. By whom are the planets are kept in motion in their respective orbits?
10. The images of which deities are in the temple of Angkorvat?
11. In human beings, What is the opening of the stomach into the small Intestine called?
12. Which is the largest committee of Parliament of India?
13. Which substance coated on plastic tape?
14. Which is the cloud that is dark-grey or black, found at very low height and brings the real rain?
15. When did Bahmani Kingdom in South India extinguish?
16. Which is the oldest international airline?
17. By whom was the book Wealth of Nations’ written?
18. What is the roots arises from the horizontal aerial branches of tree Banyan called?
19. The cauliflower shape is associated with which cloud formations?
20. What was the The capital of Bahmani Kingdom?

Answer :
1. Who has the final power to maintain order within the House of People?
2. X210 has half life of 5 day. What is the time taken for seven-eights of sample of X210 to decay?
3. What is Sagar Samrat’?
4. The Appalachian coal fields, one of the important coal fields in the world, are located in which country?
5. Which was the most prominent industry that flourished during the Mughal period?
6. Who was the first Indian woman to scale the Mount Everest?
7. Which root contain nitrogen fixing bacteria?
8. During whose pleasure does the Attorney General of India hold office?
9. Which is the producer of copper?
10. By whom was Itmad-ud-daula’s tomb at Agra was built?
11. A gas is found to have the formula \((CO)_n\). Its vapour density is 70. What must the value of n be?
12. Which is the place where bankers meet and settle their mutual claims and accounts?
13. Limba Ram is associated with which fields?
14. Which coastline formed by the submergence of mountain ridges running parallel to the coast?
15. ‘India for the Indians’ was the political message of which social reformer?
16. What is considered as the drug of last resort for human being?
17. Who is the Father of local self government in India?
18. What are Alpha rays emitted from a radioactive substance?
19. Which is not an important condition for growth of coral?
20. Where was the Arya Samaj setup for the first time in 1875?

Answer:
1. Which newspaper was published in Bengali language?
2. The Imperial Bank of India, after nationalisation was given the name of which bank?
3. Deficiency of which vitamin causes knock-knee, bow legs and pigeon chest in children?
4. The lake Ontario and St. Lawrence of USA and Canada lie to the south-east of which bay?
5. Which event was characterised by Montague as ‘Preventive Murder’?
6. What is the minimum permissible age for employment in any factory or mine?
7. Which mixture is homogeneous?
8. Which is not an award given on the National Awards Day?
9. What is the major source of oceanic salinity?
10. On which date was Mahatma Gandhi assassinated?
11. How long are professional Golf Tour players allotted per short?
12. BCG vaccination (Bacillus Calmette Guerine) is injected to get immunity from which disease?
13. Who is competent to prescribe conditions as for acquiring Indian citizenship?
14. Which country has the longest international boundary with India?
15. Kautilya’s ‘Arthashastra’ deals with the aspects of which policies?
16. The hydraulic brakes used in automobiles is a direct application of which law?
17. In which year was Minimum inflation in post economic reform?
18. When did the first Commonwealth Games take place?
19. Which is the deepest landlocked protected port?
20. Where was a Buddhist council during the reign of Ashoka held?

Answer:
1. What is the factor adversely affecting the fermentation process?
2. Which port caters to the export of Kudremukh iron ore?
3. Which Mughal painter according to Abul Fazl was excellent in drawing of features?
4. Which Indian Cricketer was given the title ‘Tiger’?
5. What does Inflation imply?
6. How does retina in the eyes acts?
7. Mahatma Gandhi Hydroelectric Project is on which river?
8. Who was the first English person who visited the court of Akbar?
9. A Judge of the Supreme Court of India is to hold office until he attains the age of how many years?
10. In which transmission are sound and video signals transmitted simultaneously?
11. The first Olympic Games were held in which year?
12. What does not affect visibility on the ground?
13. In which age the Man passed from the food gathering stage to the food producing stage?
14. Who sports personality is known as the Payyoli Express?
15. What is the proportion of red blood corpuscles and white blood corpuscles in human body?
16. Territorial waters of India extends upto how many nautical miles?
17. Which winds are flowing from sub tropical high pressure to sub polar low pressure?
18. What was the greatest invention of man in Palaeolithic Age?
19. Which vitamin plays a vital role in the coagulating property of blood?
20. Which organizations agency is involved in drafting the Union Budget of India?

Answer:
1. With which game is Christiano Ronaldo associated?
2. How is angular speed of a whirlwind in a tornado towards the centre?
3. In which the claim of Ashoka’s greatness chiefly lay?
4. Sweating during exercise indicates operation of which process in the human body?
5. Which is the State having the largest population of scheduled castes?
6. Why is used as coolant in the radiator of a car engine?
7. What are tropical cyclones of the Bay of Bengal usually called?
8. Which Ashokan inscription gives an account of the Kalinga war and its effects?
9. Where are the headquarters of the Organization of the Islamic Conference (OIC) located?
10. What does National income ignore?
11. Which is responsible for converting milk into curd?
12. Mangrane vegetation in India is most extensive in which forest?
13. Who among the following are credited to have built the famous Ellora caves?
14. What type of Party system has been evolved in India?
15. Which is used in beauty parlours for hair setting?
16. Which monument in India is the memorial to the unknown soldier?
17. When was petroleum discovered first in commercial quantity in India?
18. In India, who was the first to put forward the theory that the earth revolves round the sun?
19. Who is the founder of the World Economic Forum?
20. Which fungus is responsible for the tikka disease of groundnut?

Answer:
1. Which post does the Constitution of India does not mention?
2. What is the ‘Solar Corona’ mainly?
3. Who was a blind poet who worshipped Krishna and spread Krishna Bhakti cult?
4. A metal sheet with circular hole is heated. what change will be in the hole?
5. Which bank prints currency notes of the denomination of Rs. 100?
6. Gum Kelucharan Mohapatra is a maestro of which dance form?
7. Which gas is most predominant in the Sun?
8. Who invited Babar to invade India?
9. Which animals who have constant body temperature?
10. After how much time are the elections to Panchayats are to be held?
11. Which is the lightest gas?
12. Which wind in the northern hemisphere, the wind blowing from the Horse latitudes to the Doldrums?
13. Who focused his work chiefly on Sher Shah Suri?
14. When did Unrepresented- Nations and Peoples Organisation come into existence?
15. How many languages are used on a ten rupee note?
16. How much daily intake of proteins is recommended for a moderately active women?
17. Which Warm dry winds blowing down the east slopes of Rockies?
18. During the reign of Emperor Akbar, who where the famous men Haribans, Mukund and Daswant?
19. Who is to conduct the elections to the Panchayats and Municipalities?
20. By inserting a soft iron piece into solenoid, what does the strength of the magnetic field?

**Answer :**
1. Before 31st August, 1965 how many members were in the Economic and Social Council?
2. Which industry uses mica?
3. Who was the first Indian to become the member of British Parliament?
4. In which year was the Indian Space Research Organization (ISRO) founded?
5. White lung disease is prevalent among the worker of which industry?
6. Who decides about the reasonableness of the restrictions placed on Fundamental Rights?
7. Why is Los Angeles is famous?
8. Who said, “Good government was never a good substitute for self government”?
9. When Metal carbonate reacts with dilute acids, what does it forms?
10. What is the effect of inflation on tax revenue results in a situation?
11. When is World Post Day, recognized by the UN observed?
12. The Kiel Canal links which seas?
13. Who had founded the Theosophical Society in the United States of America?
14. Which group contains only antibiotics?
15. By whom is the Separation of the Judiciary from the Executive enjoined?
16. How is the electric potential at the centre of a charged conductor?
17. On which river are Victoria Falls in Africa located?
18. In which year did Mahatma Gandhi enter into freedom struggle in India?
19. Feroz Gandhi Award, is given for outstanding performance in which field?
20. What is the inflation experienced in the country at present?

**Answer:**
1. 18
2. Electrical industry
3. Dadabhai Naoroji
4. 969
5. Cotton Industry
6. Courts
7. For film studios
8. Swami Dayananda
9. CO₂
10. Fiscal drag
11. October 9
12. North Sea and Baltic Sea
13. Madame Blavatsky
14. Penicillin, tetracycin, streptomycin
15. Directive Principle
16. Same as on the surface
17. River Zambezi
18. 1917
19. Journalism
20. Cost-push inflation
1. For which disease is Oncogene responsible?
2. Which sets of cities is located on the reference longitude for Indian standard time?
3. Who destroyed the Empire of Chalukyas of Badami?
4. For the enforcement of Fundamental Rights, what can the Supreme Court do?
5. The element common to all the acids is known as which name?
6. To integrate cultural leaders into its meeting, which gives “Crystal Award”?
7. The Konkan Coast stretches between which regions?
8. Who was the Chola King to have conquered Bengal?
9. Where is the Central Water and Power Research Station located?
10. Which chamber of human heart pumps fully oxygenated blood to aorta and hence to the body?
11. Which writ is issued by the court in case of illegal detention of a person?
12. Soil can best be conserved on the hills by which of the cultivating methods?
13. The Vijay Satambha (Tower of Victory) at Chittor was built by which ruler?
14. Which is most efficient engine?
15. Which is the most important small-scale industry in India?
16. By whom was the book ‘Gulliver’s Travels’ written?
17. Why does north-western India receive substantial rainfall during winter months?
18. Who built the temple of the Sun God at Konark?
19. Which bacteria helps in improving the soil fertility?
20. The Archaeological Survey of India is an attached office of which Department/Ministry?

Answer:
1. Which is the gas usually filled in the electric bulb?
2. What is an intrusion of magma along a bedding plane is called?
3. Of which metal was the famous figure of a dancing girl found in the excavations of Harappa?
4. Which part of separated UTI is under SEBI’s regulation?
5. What is the principle pathway of water translocation in angiosperms?
6. Which is the highest coal-producing country in the world?
7. What was the most important feature of the Government of India Act of 1919?
8. In which Ministry, the census organisation has been functioning on a permanent footing since 1961?
9. Who invented the laser?
10. Which country has the largest number of land-border neighbouring countries?
11. Which is present in the largest amount in terms of percent by mass in the earth’s crust?
12. Which animal was domesticated by the Harappans?
13. Which Article of the UN Charter established the International Trusteeship System?
14. Which tree require highest amount of water for growth?
15. Which is the largest Committee of the Parliament?
16. Where are Mulberry trees grown mainly for silk production in China?
17. Who transferred his capital from Rajgir to Pataliputra?
18. Which alloys is used for making magnets?
19. By which bank are the central banking functions in India performed?

**Answer:**
1. In which year, African Export and Import Bank came into existence?
2. Which is known for extensive tropical rain forest?
3. Which transferred his capital from Patliputra to Vaishali?
4. What is the principal structural elements of a living cell?
5. In which year was the first no confidence motion moved in the Lok Sabha after independence?
6. One calorie is the heat required to raise the temperature of 1g of water by how many degrees?
7. When was petroleum discovered first in commercial quantities in India?
8. Who was not a contemporary of the 'Other three?'
9. When is World Hospice and Palliative Care Day observed?
10. From where does the National Stock Exchange functions?
11. What is known as power house of cell?
12. How many number of atomic power plants existing in India today?
13. Which ancient Mahajanapadas was located on the bank of Yamuna?
14. By whom was the idea of the Constitution of India first of all given?
15. To whom the credit for the discovery of transuranic element goes?
16. When is World Development Information Day, recognized by the UN is observed?
17. On which date does Summer Solstice in the Southern Hemisphere occur?
18. Who were the originators of the Dravidian style of architecture and sculpture in South India?
19. How many medals did P.T. Usha win at the Xth Asiad?
20. What is the role of in the rabbit and horse, the appendix?

Answer:
1. By whom were the members of the Constituent Assembly elected?
2. How much does one degree of the circumference of the earth measure (approx.)?
3. Which was the dynasty that succeeded the Chalukyas in Western India?
4. What is the Mode of transmission of heat in which heat carried by a moving particles?
5. Who are not protected against inflation?
6. The first Commonwealth Games were held in the year 1930 at which place?
7. In the earth’s atmosphere, what changes in the atmospheric pressure?
8. During the reign of Iltutmish which was a silver coin in use?
9. A girl ate sweets while fanning the flies away. Due to this, she suffered from a which disease?
10. What is the total number of High Courts in India at present?
11. Sodium carbonate crystals lose water molecules. What is this property called?
12. Where are the tropical cyclones-Hurricanes and Typhoons-develop and mature?
13. What was Karaj in the thirteenth century?
14. The Paratroopers Training School of the Indian, Air Force, is located at which place?
15. What is termed as the period of high inflation and low economic growth?
16. Which cell organelle is semi-permeable?
17. In which country is Cork is chiefly produced?
18. Which was the original name of Tansen, the famous musician in the court of Akbar?
19. When can the salaries of High Court judges be reduced?
20. Which electromagnetic radiation is most prevalent in the atmosphere?

Answer:
1. Where is Indian Institute of Petroleum located?
2. Which pair of countries the leading manufacturers of cement in the world?
3. Of which kingdom was Malik Ambar the Prime Minister?
4. Which scientist shared the Nobel Prize in Physics with his son?
5. Which gas is essential for photosynthesis process?
6. Who presided over the inaugural meeting of the Constituent Assembly of India?
7. Which river crosses the Equator twice?
8. Who was thrice elected President of the Indian National Congress?
9. The couple between base units of DNA is through which bonding?
10. Which industry was started first in India?
11. The sun is visible a little before the actual sunrise because of which reaction?
12. On the bank of which river is New York situated?
13. During whose Viceroyalty, Queen Victoria was crowned with ‘Kaiser-i-Hind’ in Delhi Durbar?
14. Through which are water and mineral in plant are transported?
15. Who was the Chairman of the Drafting Committee of the Indian Constitution?
16. Which electromagnetic wave has the longest wavelength?
17. Lakshadweep is a group of how many islands?
18. In which year did Annie Besant enjoy the Presidentship of the INC?
19. Which European country is the guarantor of Bank of Central African States?
20. Which state ranks first in terms of the maximum number of agro-based industries?

Answer:
1. Trunk of the tree increases in girth due to cell division in which tissue?
2. The Union Territory of Dadra and Nagar Haveli lies between which states of India?
3. Who was the political guru of Gandhiji?
4. What is the maximum strength of the nominated members in both the Houses of Parliament?
5. Acetylene is used as an anaesthetic under which name?
6. Which European country provides its currency for the Bank of Central African States?
7. Forest policy of the government aims to bring what percentage of total area under forest?
8. Mohammad-bin-Tughlaq shifted his capital from Delhi to which place?
9. Rabindranath Tagore was awarded the Noble Prize for his which literary work?
10. Which is responsible for red rot of sugarcane?
11. In nuclear fission, how many percentage of mass is converted into energy?
12. Which are the most important commercial forests of India?
13. Who was the first woman ruler of medieval India?
14. Who decides whether a particular bill is a Money Bill or not?
15. Which property is processed by the ferromagnetic substance?
16. Word Bull and Big are associated with which branch of commercial activity?
17. Which is a true example of Median mass?
18. In which book has Buddha been described as an ocean of wisdom and compassion?
20. Which stage of development of an insect is most harmful for crops?

**Answer:**
1. Indian President and Prime Minister are a replica of the heads of the State of which country?
2. Niagara Falls is located between which pairs of lakes?
3. What was the crux of early Buddhism?
4. What is the major ingredient of leather?
5. With which sport is Leroy Burrell associated?
6. Of which bills Open market operations of a Central Bank are sale and purchase?
7. Which country makes maximum use of the geothermal energy?
8. During which time was Gandhara school of art developed?
9. By which are heredity characters of parent transfered to their offspring?
10. When is the Constitution of India designed to work as a unitary government?
11. Which particle has similar mass to that of the electron?
12. Which Grand Banks are famous fishing grounds in the region?
13. The King Kanishka held a great Buddhist Council under whose presidency?
14. The term ‘deuce’ is common in which two games?
15. What is the number of principal organs of UNO?
16. What is exception to Mendel’s principle of dominance?
17. Among source of power India has largest reserves of which source of power?
18. Which Generals of Alauddin Khilji ultimately became the first Sultan of the Tughlaq dynasty?
19. Who is the highest Law Officer of a State?
20. Which acid used to remove inkspots?

Answer:
1. To meet the growing needs for coins in the country, where does the Government propose to set up another mint?
2. Which oil field of India is the oldest and still producing oil?
3. The first Muslim conquest of the Hindu Kingdoms of Deccan was effected by whose forces?
4. Since when has US been a member of the UN?
5. For pasteurisation of milk by Flash method, at which temperature is milk heated?
6. After how much time are the elections to Panchayats are to be held?
7. How are the orbits of planets around the Sun, or of satellites around the Earth,?
8. Buland Darwaza, built -by Akbar, is to commemorate the victory of which state?
9. A car is running on a road at a uniform speed of 60 km/hr. What is the net resultant force on the car?
10. Dog bite can cause rabies. Which other animals can also cause rabies?
11. For international payments, to which currency is the Indian currency linked?
12. What is the outermost layer of Sun called?
13. Where is the tomb of Babar?
14. Which chemical is used for preserving fruit juices?
15. How many High Courts in India have jurisdiction over more than one State (Union Territories not included)?
16. Which metal is found in ‘plaster of paris’?
17. The dry wind ‘Santa Ana’ blows in which country?
18. To which battle of the beginning of the British political sway over India can be traced?
19. Which animal which can tolerate more summer heat?
20. When does World Health Organization organise ‘World Aids Day’?

**Answer:**

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1. Which root develops from any part of plant body except the radical?
2. Cyclonic rainfall largely occurs in which country?
3. The final defeat of the Maratha Confederacy came during the time of which governor?
4. Which High Court has jurisdiction over the State of Arunachal Pradesh?
5. Between which bodies is one Astronomical Unit the average distance?
6. Where are the headquarters of IMF and World Bank located?
7. What is the Molten rock below the surface of the earth?
8. In March 1925, who was elected as the President of the Central Legislative Assembly?
9. Which is a World Bank group of five institutions?
10. In plant which one of the following tissues is dead?
11. With which does the power to extend or restrict the jurisdiction of the High Court rest?
12. Which is a chemical weathering process?
13. In which year did Mahatma Gandhi return to India, leaving South Africa for ever?
14. Which non-metals is not a poor conductor of electricity?
15. When International Day of Older Persons, recognized by the UN is observed?
16. What was the earlier name of the WTO?
17. Which country is known as the ‘Sugar bowl of the World’?
18. Mahamastakabhisheka, a great religious event, is associated with and done for whom?
19. For the implantation of fertilize ova uterus secret which hormone?
20. A Judge of a High Court wanting to resign addresses his letter of resignation to whom?

Answer :
1. Which radiation emitted from the sun has highest wavelength?
2. What is a person of mixed European and Indian blood in Latin America called?
3. The first Buddhist Council was held in which city?
4. When is World Environment Day, recognized by the UN observed?
5. Michael Ferreira is associated with which game/sport?
6. Which major chemical compound found in human kidney stones?
7. Duncan Passage is located between which regions?
8. Which was the Mughal Emperor who prohibited the use of tobacco?
9. By whom was collective responsibility of the Cabinet introduced in India?
10. Aluminium surface are often ‘anodized’. This means deposition of a layer of which oxide?
11. In which year was Railway Budget in India separated from general budget?
12. Which is the highest mountain peak in India?
13. Who streamlined the Maratha administration after Shambhaji?
14. Kamlesh Mehta has distinguished himself in which game/sport?
15. Ultimate environmental hazard to mankind, why?
16. If a Minister of a State wants to resign, to whom he should address the letter of resignation?
17. Which crop are grown mainly in the irrigated areas during Zaid?
18. How were the ritualistic precepts attached to the hymns of the Vedas known?
19. The ozone layer in the atmosphere is at a height of about how many km?
20. Rajiv Gandhi National Flying Institute is has been established in which State?

Answer:
1. With which India’s progress has been reasonably satisfactory in connection?
2. Critical criteria for the location of an aluminium plant in India are the availability of which things?
3. From which place did the Aryans came to India?
4. Sound become hazardous noise pollution at which level?
5. Who is to conduct the elections to the Panchayats and Municipalities?
6. Which metal is extracted by thermal reduction process?
7. Which Scale is used for recording weather condition?
8. According to whom was persecutor of Buddhism?
9. In which city is the Global Automotive Research Centre being set up?
10. Who produced the first automobile?
11. Which Animal is also known as ‘Portuguese man of war’?
12. Which chemically inactive gas present in atmosphere?
13. To which region did Satavahanas belonged?
14. A Municipal Corporation is set up in a city with how much population of not less than?
15. How many electrons will have a charge of one coulomb?
16. Of the various ways of financing government’s investment expenditure, what is the least inflationary?
17. Which state leads in the production of maize?
18. Which rulers began the construction of the famous Kailasa rock-cut temple at Ellora?
19. What is the mean of Epigraphy?
20. Entamoeba histolytica is found in which part of man?

Answer:
1. Which was the only President of India who elected unopposed?
2. Which is not plantation crop?
3. Who laid the foundation of Rashtrakuta Empire?
4. Which synthetic fibre is known as artificial silk?
5. In the UN, how many territories were placed under the trusteeship system?
6. By which band is Monetary policy regulated?
7. If a solar eclipse occurs when the moon is quite far from the earth, how would be the eclipse?
8. During the Mughal period which trader first came to India?
9. Reduced leaves and sunken stomata are the main feature of which thing?
10. When the Vice-President officiates as President, whose salary does he draw?
11. Which quantity remains constant in a step-down transformer?
12. What is the approximate equatorial circumference of the earth?
13. Sher Shah died while fighting in which war?
14. Where is the headquarter of the International Court of Justice?
15. When is World Intellectual Property Day, recognized by the UN is observed?
16. What ratio of forest area needed for ecological balance in India?
17. Which forces is most powerful in determining movement of wind including its velocity?
18. The First Anglo-Burmese War was concluded by a treaty Which is that?
19. In which year were the first general elections in India held?
20. All acids contain which element?

**Answer:**
1. In which of the Five Year Plans, preference was given to the weaker sections of the society?
2. Which local wind is not characteristically hot and dry?
3. What was Tipu Sultan’s major interest in building ships?
4. When is World Blind Day/World Sight Day observed?
5. Cirrhosis is a disease that affects which organ?
6. In which year did the Congress lose its monopoly of power in the States for the first time after the elections?
7. Which predominantly acts as the agent of chemical erosion of soil?
8. In which movements Bande Mataram was adopted as a slogan for agitation?
9. What is the number of basic units in the International System of Units?
11. Upon which development the Second Five Year Plan laid more stress?
12. Formation of pot holes in river beds is an example of what?
13. Who was founder of All India Harijan Sangha in 1932?
14. Milk, cheese and eggs are the source of vitamins which vitamins?
15. Which Directive Principle is based on Gandhian ideology?
16. Which type of glass can cut off ultraviolet rays?
17. Asia accounts for nearly how many percent of world population?
18. Who deciphered the Brahmi inscription of Ashoka first time?
19. India reached the final of the Davis Cup for the first time in which year?
20. In which state is the Rajiv Gandhi National Institute of Youth Development located?

Answer:
1. BMD testing is done to diagnose which disease?
2. Which are the regions with the highest and lowest densities respectively?
3. With whose reign is the Gandhara school of art associated?
4. Which Directive Principle of State Policy has NOT been implemented so far?
5. If you swim one km, how many miles do you swim?
6. Which tax is levied by the Union and collected and appropriated by the States?
7. Which is the junction point of the Eastern Ghats and Western Ghats of India?
8. Revenue system during Akbar’s reign was in the hands of which person?
9. Who is the President of the Council of Scientific and Industrial Research?
10. Golden rice has the highest quantity of which vitamin?
11. When did the first linguistic State of Andhra come into existence?
12. The highest peak of the Himalayas in India is in which state?
13. Which Upanishads were translated into Persian by Dara Shikh?
14. Which is called philosopher’s wool?
15. Which is the highest mountain peak in India?
16. Which is not a direct tax?
17. Ankaleshwar in India is known for the production of which state?
18. In which culture is the earliest evidence of silver in India found?
19. Which test helps in diagnosis of cancer?
20. From which fund are the salaries of the Judges of the Supreme Court drawn?

Answer:
1. Which animal belongs to the family in which Panda belongs?
2. English is the official language of which State?
3. The ratio of the inertial mass to gravitational mass is equal to which number?
4. Which was India’s first mobile offshore drilling platform?
5. Where has the use of plough been evidenced?
6. Who first imparted a mass character to the Indian National Congress?
7. Which President of India served for two terms?
8. Which part of cockroach bears exo and endoskeleton?
9. Which region receives the rainfall throughout the year due to westerly winds?
10. Which was initially the most powerful city state of Indian in the 6th century B.C.?
11. Under which Article of the Constitution is the President’s rule promulgated on any State in India?
12. What is the most abundant element on the earth’s crust by weight?
13. Why does the Issue Department of the RBI maintain a against printing of note?
14. Which winds are predominantly seasonal winds?
15. Upto where Chandragupta Maurya’s empire extended in the north-west?
16. The theory of use and disuse was used to explain evolution by which scientist?
17. By when is extinction of a species in a food chain compensated?
18. For how many month can the proclamation of emergency at the first instance be restricted?
19. Which state is the largest producer of Gypsum?
20. By whom were The Chalukyas of Badami were succeeded?

**Answer:**

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1. Where is the intensity of the earth’s gravitational field maximum?
2. When is United Nations Day for Women Rights and International Peace observed?
3. Rupee was devalued by what percent in July 1991?
4. What is the position of India in terms of production of coal?
5. Which Rashtrakuta king founded the capital city' of Manyakheta?
6. When is the world biodiversity day celebrated annually?
7. To which do the residuary powers of legislation in case of Jammu and Kashmir belong?
8. When ore is heated generally in absence of air then what is process called?
9. By whom were the Saturn rings were discovered?
10. From which ruler did Humayun received the Kohinoor diamond?
11. When is Right to Know Day (Right To Know Day net) observed?
12. Limba Ram is Known for his outstanding performance in which game?
13. Growth of which organ does the virus of AIDS affects?
14. Where is the speed of rotation of the earth highest?
15. Which was the medieval Indian writer who refers to the discovery of America?
16. Railways is a subject on which list?
17. The refractive index of a piece of transparent quartz is the greatest for which light?
18. Which authority sanctions foreign exchange for the import of goods?
19. Which region of the world is called” the bread basket of the world”?
20. Who united all the Sikhs and founded a kingdom in the Punjab?

Answer:
1. How many wickets Kapil Dev had taken in Test matches when he retired?
2. The human body is immune to which disease?
3. Why was the design of the National Flag was adopted by the Constituent Assembly of India?
4. Where is the thermal equator found?
5. Which was the capital of the kingdom of Maharaja Ranjit Singh?
6. Which pair does not contain a coinage metal?
7. Who is the recipient of the 20th Rajiv Gandhi National Sadbhavana Award?
8. Where is the headquarter of World Trade Organisation?
9. Tsunami is a large sea wave caused by an earthquake experienced along the coasts of which country?
10. Who was the first woman President of the Indian National Congress?
11. Phycology is the branch of botany, what do we study about in this branch?
12. On which date India became a Sovereign, democratic republic?
13. Why is a water tank appears shallower when it is viewed from top?
14. On which scale the intensity of earthquakes is measured?
15. Who was the founder of the Muslim League in India?
16. Who is the first Indian woman to receive in Borlaug award and in which year?
17. The National Institute of Communicable Diseases is located at which place?
18. Palaeobotany is the branch of botany, what do we study about in this branch?
19. Which is the largest fish exporting region in the world?
20. By the time of which ruler was Gautama Buddha elevated to the position of God?

Answer:
1. In respect of which states has Union Parliament power to legislate on the subjects of all three lists?
2. What is the most soluble in water?
3. What is the effect of inflation on tax revenue results in a situation?
4. Which country is included in the North-West Pacific fishing grounds?
5. Who presided over the Buddhist Council held during the reign of Kanishka at Kashmir?
6. With which one of the following is BRIT (Government of India) engaged?
7. Which part became modified as the tusk of elephant?
8. To which do the residuary powers of legislation in case of Jammu and Kashmir belong?
9. India is the seventh largest country in the world and how much does it cover a total area?
10. What was the main reason for the evolution of kingship in Vedic society?
11. One horse power is equal to how many watts?
12. From where can renewable energy be obtained?
13. What is the inflation experienced in the country at present?
14. Which is the largest southernmost single island in India?
15. On which bank was the 'Battle of Ten Kings' fought?
16. If the radius of blood vessels decreases, what will be in the blood pressure?
17. Railways is a subject on which list?
18. When ice melts into water, which type of change occurs in entropy?
19. Where is Peaty soil found?
20. Which were the contemporaries of Kanishka?

**Answer:**
1. Which countries were involved in the 100 year war?
2. Who is the author of a collection of poems called Golden Threshold?
3. What do ligaments join?
4. Which is the most important factor in soil formation?
5. Who were the first to issue gold coins?
6. For how many months is the President’s rule imposed?
7. The pH of water at 25°C is 7. When it is heated to 100°C, then what will be the pH of water?
8. How is Share of Direct tax in post economic reform?
9. Which exterior part of the earth is nearly half of the radius of the earth?
10. Why was the Delhi Sultanate virtually ended?
11. Famous book ‘The Return of the Native’ is written by which author?
12. Which is produced during allergic reactions?
13. Which proclamation of National Emergency automatically suspends?
14. Which place has the longest day and the shortest night on 22nd December?
15. Whose nickname was the Cholisa or the Group of Forty?
16. What is the mixture of carbon monoxide and hydrogen called?
17. Who has scored the highest run in a test cricket innings?
18. In which year was Tax collection of Central govt. lowest as compared to G.D.P.?
19. Which natural region produced by the creation of climatic homogeneity by the sea?
20. Who invented the technique of extracting scent from Rose?

Answer:
1. In the leaf of tobacco what is found?

2. Anglo-Indian representatives in the Lok Sabha are nominated in terms of which Article?

3. How many image will be formed if two mirrors are fitted adjacent walls and one mirror on ceiling?

4. Who founded the French School of Regional Geography?

5. The bitterest war of succession under the great Mughals was fought among whose sons?

6. All Sher, an Arjuan award winner, is associated with which game?

7. Which is not an award given on the National Awards Day?

8. What does the outermost whorl of Bougainvillea flower consist of?

9. Which is the place that has the longest day and the shortest night on 22nd December?

10. Under which system of assessment, the British Government collected revenue directly from the farmers?

11. By whom is the composition of the UPSC determined?

12. In which Molecule the distance between two adjacent carbon atoms is longest?

13. When was the decimal system of currency introduced in India?

14. Geostationary orbit is at a height of howmany km?

15. Where was the first Indian university opened in 1857?

16. Who is the author of the book” Economic Nightmare of India”?

17. Most of the digestion occur in which part of alimentory canal of man?

18. After howmany years is Finance Commission constituted by the President?

19. In which country, has maximum damage to the forest been caused by acid rain?

20. Who was named as Mira Ben by Mahatma Gandhi?

Answer:
1. Which of light are strongly absorbed by plants?
2. ‘Higher than Hopes’ is a biography of which author?
3. How many languages are used on a ten rupee note?
4. Which are the materials that come out of a volcano at the time of eruption?
5. Which ruler from Central Asia conquered North India in 1192?
6. What is formed during Kerb’s cycle?
7. Who is the highest Law Officer of a State?
8. Deficiency of which vitamin cause knock-knee, bow legs and pigeon chest in children?
9. Which is the longest mountain range in the world?
10. Who witnessed the reign of seven Sultans of Delhi?
11. The book ‘Satanic Verses’ was written by which author?
12. Which is the most urbanized country of West Asia?
13. In which type of cell divisions does crossing over of chromosomes takes place?
14. Which Strait separates Africa from Europe?
15. During which reign was Buddhism split up into the Hinayana and Mahayana sects at the Buddhist Council?
16. The executive power is vested in the President but on whose advice is it actually used?
17. In storms, the roofs of some houses are carried away. According whom is this?
18. Which State produces maximum pulses in the country?
19. Which is the World’s longest river?
20. In which two sects was Jainism divided into?

Answer :
1. Blue and red
2. Nelson Mandela
3. 15
4. Solid, liquid, gaseous
5. Shihabuddin Muhammad Gori
6. Fumaric acid
7. Advocate General
8. Vitamin D
9. Andes
10. Amir Khusarau
11. Salman Rushdie
12. Kuwait
13. Meiosis
14. Strait of Gibraltar
15. Kanishka
16. The Council of Ministers
17. Bernoulli’s principle
18. Madhya Pradesh
19. Nile
20. Svetambara and Digambara
1. Which country has the largest forest area in the world?
2. What is the source of immediate energy for cellular activity?
3. Who was the member of the Rajya Sabha when first appointed as the Prime Minister of India?
4. The largest coral reef in the world is found near the coast of which country?
5. Nalanda University flourished during the reign of which ruler?
6. Which charcoal is used to de-colourise raw sugar?
7. When was World Council of Churches formally constituted?
8. Which is the Highest milk producer in India?
9. Niagara Falls is located between which pair of lakes?
10. After the decline of the Gupta, a By whom was larger part of North India reunited?
11. What is the grouping of organisms into categories according to a systematic plan?
12. Who is the ex-officio Chairman of Rajya Sabha?
13. Which metal used to pollute the air of a big city?
14. The premonsoon mango showers occur predominantly in which state?
15. In which region of India was the Firdausi order of Sufism popular?
16. Where is the head-office of the World Council of Churches?
17. The United Nations declared 2010 as which International Year?
18. Why is phenomenon of mirage?
19. Where are moist tropical evergreen forests found?
20. By whom are the oldest compositions in Punjabi devotional compositions?
1. By whom is the famous book System a Naturae is written?
2. Which Article of the Constitution of India makes a specific mention of Village Panchayats?
3. Which is the updated base for Wholesale Price Index (WPI)?
4. Where are the oceanic current named as ‘Kuroshio, Kurile and Alaskan’ located?
5. Who was the founder of the autonomous kingoni of Avadh?
6. Where did Mahendra Singh Dhoni make his ODI debut?
7. Which is the gas used to extinguish fire?
8. Deficiency of which vitamin, causes xerophthalmia?
9. Which current is produced by upwelling of cold water?
10. Which was the most significant battle in the establishment of British supremacy in India?
11. Who is entitled to initiate a Bill for Constitutional Amendments?
12. The song “Bande Mataram” was originally composed in which language?
13. What does National income ignore?
14. Which city lies to the western most longitudes?
15. In 1889 a British Committee of the Indian National Congress was started. Who was its Chairman?
16. Which waves are used for a communication through artificial satellites?
17. What is the average fat content in buffalow milk?
18. In which was Indian Constitution amended for the first time?
19. Which is the capital of the Union Territory of Dadra and Nagar Haveli?
20. The Governor General of Fort William became the Governor General of India under which Charter Act?
1. Who was the author of the famous work All Contributions to the Critic of Political Economy’?
2. Nobel Prize winning scientist James D. Watson is known for his work in which area?
3. By whom was the law of constant proportions enunciated?
4. Which state of India is the largest producer of lignite coal?
5. Which Veda contains an account of magical charms and spells?
6. Which form an irreversible complex With haemoglobin of blood?
7. Which House is better placed with regard to control over the executive?
8. Which groups suffer the most from inflation?
9. Where was the first state-owned fertilizer plant set-up in 1951?
10. When Alexander invaded India, who were the rulers of Magadha?
11. Which is a programme that converts high level language to machine language?
12. What is the temperature at which the speed of sound in air becomes double its value of 0°C?
13. Chromosomes are made up of which main component?
14. On which date the earth is at the largest distance from the sun (Apehelion)?
15. In the Delhi Sultanate, which administrative unit called Paragana was headed by an official?
16. For whose removal Parliament’s resolution is not needed?
17. Where is the headquarters of the International Fund for Agriculture Development?
18. Which case does stagflation imply?
19. The Earth rotates-around an axis pointing towards which side?
20. Which Sultan built the fifth storeys of Qutub Minar?

Answer :
1. Regarding the atom of a chemical element, magnetic quantum number refers?
2. Coconut and mango grouped under, which kind of fruit?
3. Who fixes the salaries and the allowances of the Speaker of Lok Sabha?
4. The term ‘Granary of the world’ is related to which type?
5. To which veda does Ayurveda owe its origin?
6. To which UN organ, does the Security Council send its annual report?
7. Which is the Trophy/Cups associated with the game of Hockey?
8. When an ebonite rod is rubbed with fur, which charge acquired by the fur?
9. Which climatic factor which has the least effect upon a terrestrial ecosystem?
10. What was the name of the tax which the kings used to collect from the people in the Vedic period?
11. What is development of fruit without fertilization called?
12. Where was the first Municipal Corporation in India set up?
13. Which is the largest importer country of Indian textile?
14. Which is not a sedimentary rock?
15. Which city was regarded as the best producer of silk?
16. Which batsman started his International cricketing career at the age of 16?
17. Which charcoal forms of carbon is used in sugar industry?
18. Enlargement of which gland takes place due to deficiency of iodine?
19. Which is the type of igneous rocks are formed midway between volcanic and plutonic rocks?
20. Which Gupta ruler had led a campaign to the south and was an expert 'Veena' player?

Answer:
1. When was the Ninth Schedule of the Constitution of India added?
2. National Environmental Engineering Research Institute is located at which city?
3. From where does Indian Railways earn the maximum revenue?
4. Through which Strait, does a tunnel connect the United Kingdom and France?
5. Who was the ruler of Chittor, when Alauddin Khilji attacked and conquered it in 1303 A.D.? 
6. What is the vertical component of earth’s magnetic field?
7. One molecule of hemoglobin can carry how many atom of oxygen?
8. Which Constitutional Amendments banned the floor crossing in Parliament?
9. Which is an inland drainage area?
10. Who was the founder of the first Afghan dynasty in India?
11. What is the title of A.P.J. Abdul Kalam’s autobiography?
12. Which is a source of methane emission into the atmosphere?
13. Concentrated sulphuric acid is always diluted by adding which thing?
14. The western disturbances which cause rain in north west India originate which sea?
15. Which Sikh Guru who was killed by the orders of Aurangzeb?
16. By whom was oral polio vaccine discovered?
17. Territorial waters of India extends upto how many nautical miles?
18. Which is the regulatory authority for giving clearance for External Commercial borrowing?
19. Which state in India has the largest area under forests?
20. What is the birth place of Guru Gobind Singh?

Answer:

1. What is the ultimate cause of water movement in a plant stem against gravity?
2. How can the quantity of water vapour the atmosphere hold increases?
3. Which pair belongs to the category of cold-blooded animals?
4. Which sea in without a coast line?
5. The Ilbert Bill agitation led to ‘the foundation of which conference?
6. What is the respect for the National Flag and National Anthem?
7. ‘The Naked Face’, a very popular book is written by which author?
8. What does Dear Money Policy imply?
9. Which is not an important condition for growth of coral?
10. The Mughal ruler Bahadur Shah II was exiled by British and where was to sent?
11. Which is the element common to all acids?
12. What is the function of Leghaemoglobin in nitrogen fixation?
13. Which is the competent body to prescribe conditions for acquisition of citizenship?
14. Which lake has been formed due to tectonic activities?
15. By whom was the All India Muslim League founded?
16. The celebrated novel ‘The Godfather’ was authored by which person?
17. Who has been named as the White Lightning in the cricket?
18. To an astronaut, how does outer space appear?
19. Which is categorized as millet?
20. In which year was the Harappan Civilization discovered?

Answer :
1. Osmosis 2. With increase of temperature 3. Frogs and snakes 4. Saragossa sea 5. All India National Conference
Donald (South Africa) 18. Black 19. Sorghum 20. 1921
1. Which plant produce seed but not fruit?
2. Under which Article of the Constitution is the President’s rule promulgated on any State in India?
3. Which Indian cricketer has bagged a deal with ESPN?
4. What is the distance of Milky way?
5. Who was defeated by Babur in the first battle of Panipat?
6. Which is the most important ore of aluminium?
7. Which chemical can be used is anticoagulent?
8. Which was an associate State of India before becoming a full fledged State?
9. If there is no Sun, what would the colour of the sky?
10. Who built the tomb of her Emperor husband?
12. What is the mean of Cheap Money?
13. The focal length of the lens in a photographic camera is 5 cm. What is the power of the lens?
14. In which forests are the greatest diversity of animal and plant species occurs?
15. To which river is the dockyard at ‘Lothal is connected through’ a channel?
16. Carbon monoxide has how much greater affinity for haemoglobin as compared to oxygen?
17. In which country does State funding of elections take place?
18. Who is the author of the book ‘Development as Freedom’?
19. Which climatic region has the least temperature range?
20. On the which bank of river is the site of Harappa located?

Answer:
1. The oldest monarchy in the world is that of which country?
2. Starch iodide paper is used to test for the presence of which agent?
3. In the case of a ‘test-tube baby’ where does fertilisation take place?
4. The direction of ocean currents is reversed with season in which ocean?
5. By which inscription is the earliest example of a land grant is provided?
6. The powers of the Election Commission are given in which Article of the Constitution?
7. New exim policy has chosen which town for ‘the pottery export’?
8. The boundary between North and South Korea is marked by which line?
9. The Grand Banks are famous fishing grounds in which region?
10. To which satavahana king is the Prakrit text 'Gatha Saptasai' is attributed?
11. Why does diffusion of light in the atmosphere take place?
12. Which Element present in largest amount in human body?
13. Which of appointment is not made by the President of India?
14. The present demographic transition of India is indicative of which thing?
15. Who wrote Tughluqnamah?
16. Who was the first winner of’ Dada Saheb Phalke Award?
17. What is the mean of Ad Valorem?
18. What is formed by dissolution of base or acid in water?
19. Which is the smallest Union Territory?
20. In which year was India was invaded by Timur Lame?

**Answer:**
1. Which instrument meant for measuring the rate of respiration?
2. To whom the Vice-President’s letter of resignation is to be addressed?
3. The book ‘Around the World in Eighty Days’ was written by which person?
4. In which product has Bangladesh emerged as the main competitor of India in the world market?
5. In which battle did Dara Shikoh finally lose the war of succession to Aurangzeb?
6. What is the middle name of the world class batsman Sachin Tendulkar?
7. A substance, when inserted between the poles of a magnet, is pushed out, what is it?
8. What is the biological process in which glucose and fat is oxidised to liberate energy?
9. Which State enjoys ideal conditions for the development of petrochemical industries?
10. The great painter Khwaja Abdus Samad flourished at the Court of which ruler?
11. Trade Union comes under which List?
12. What is termed as the period of high inflation and low economic growth?
13. What was the former name of the Reliance Cup?
14. How are the temperatures in equatorial regions between July and January?
15. In which city was the East India Association founded by Dadabhai Naoroji in 1866?
16. Which process is used to remove reducible oxides from the metal?
17. Which technique can be used to establish the paternity of a child?
18. Which was the first State to become bifurcated after independence?
19. Which island receives conventional rainfall?
20. Who was the first Governor General of India?

Answer:
1. Which country won the first World Cup cricket tournament in 1975?
2. Who sings on One-rupee currency notes?
3. The first explosion of an atomic device in India was carried out in which state?
4. Which crops require a cool growing season and a bright sun shine at the time of ripening?
5. In which state was the Nalanda University located in India?
6. Who got noble prize for artificial synthesis of DNA?
7. If the President wants to resign from office, he may do so by writing to whom?
8. Parimaran Negi has excelled in which games?
9. Which state in India are the largest producers of sugarcane?
10. Vikramshila Mahavihara was established by the ruler of which dynasty?
11. Bachendri Pal became famous for her grand success in which field?
12. Mercury is transported in metal containers made of which metal?
13. By whom was Cell theory was propounded?
14. What does latitude place indicate?
15. Knowledge about the existence of which animal is doubtful in the Indus Valley Civilization?
16. What is the minimum age required for becoming the Prime Minister of India?
17. How is Indian economy?
18. Who is popularly known as Nightingale of India?
19. What is the upper part of the mantle upon which the crust of the Earth floats called?
20. Which has proved the best source of information for depicting India's ancient history?

**Answer:**
1. The working of optical is based on which of electromagnetic waves?
2. By whom was Cholera bacillus discovered?
3. At present the Rajya Sabha consists of how many members?
4. Where is the Monsoon effect is also experienced?
5. By whom was Decimal system introduced?
6. Who is considered to be the greatest of all times?
7. Among the remedies of inflation, what can we include?
8. Which element present in the largest amount in rocks and minerals?
9. Which is an example of Midlatitude desert?
10. How was the Gupta administration?
11. By whom was the antibiotic penicillin first discovered?
12. Who was the first speaker of the Lok Sabha?
13. Who is the author of the book ‘My other two daughters’?
14. Which is not helpful for delta formation?
15. The Rajatarangini by Kalhana 'is Sanskrit verse, when was it written?
16. How many times did Geet Sethi win the IBSF World Billiards title?
17. When iron rusts, how is its weight?
18. What is the fact that support the concept that viruses are living is that?
19. How are the Himalayan rivers?
20. In Krishnadevaraya’s court, who were Ashtadiggajas?

**Answer:**

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1. What is the intermediate tier of the Panchayati Raj System called?
2. What is Green Gold?
3. What was the mascot for the 2012 Olympic Games held in London?
4. The hill station of Coonoor is located in which state?
5. Who were the first to start a joint stock company trade with India?
6. Stainless steel is an alloy of which metals?
7. Which gland in human body enlarged due to goiter?
8. Where was the first Municipal Corporation in India set up?
9. 28.38 N and 77.12 E are the respective latitude and longitude of which places?
10. Who established the earliest Surat factories?
11. Who is the first person to conduct heart transplantation in India?
12. Which day is celebrated as ‘National Consumer Right Day’?
13. To which process is the term CMYK related?
14. Which has the maximum number of National Parks?
15. On which date the Indians celebrated the independence Day for the first time?
16. What is involved in controlling blood sugar level?
17. Who decides the number of Judges in a High Court?
18. Who was the first Field Marshal of India?
19. Which is the major item of export from Paradeep Port?
20. Where did Moplah rebellion of 1921 take place?

Answer:
1. What is the range of Prithvi III, the naval version of Prithvi?
2. What is the oxidation number and covalency of sulphur in S8?
3. What is the life of RBC in human blood?
4. The emission of which greenhouse gas of which entirely anthropogenic?
5. Who sent Hienu-Tsang as an envoy to Harsha’s court?
6. From which fund is the pension of a High Court Judge charged?
7. What is an essential attribute of inflation?
8. Which is a medium range surface to air missile?
9. What is the transition zone between two Ecosystems called?
10. Who constructed the world famous Jagannath Temple at Puri?
11. In a compound microscope, how is the intermediate image?
12. By which can Foetus development in woman’s womb be ascertained?
13. For how many month can the proclamation of emergency at the first instance be restricted?
14. What is Lunar Sea?
15. Which animal was known to ancient Vedic people?
16. Which day is celebrated as the International Labour Day?
17. What is the best means of saving during inflation?
18. What is the substance which decreases the rate of a chemical reaction?
19. What is the approximate diameter of the earth?
20. Which is the source of information about early Vedic period?

Answer:
1. Dwarfness can be controlled by treating the plant with which acid?
2. For how many months is the President’s rule imposed?
3. ‘International literacy Day’ is observed on which day?
4. Which natural region is not found in the Torrid Zone?
5. The Chola empire reached its zenith under which ruler?
6. Who lost the AFC (Asian Football Confederation Final 2012 to Aradil?
7. Of which iron is Core of transformer made up?
8. Which are the Chemicals having profound effect on growth and development?
9. What are the Mediterranean lands often called?
10. The famous bronze image of Nataraja is a fine example of which art?
11. The levying of which following taxe is outside the jurisdiction of Municipal Corporation?
12. Who sings on ten rupee notes?
13. In which year were the first Winter Olympic Games held?
14. Which is not the part of North Atlantic ocean current system?
15. Which kingdom was annexed to the Mughal empire during the reign of Shahjahan?
16. Which is obtained, when H₂S is passed through the solution of sodium zincate?
17. Crop sown soon after the onset of south-west monsoon in India, what is this called?
18. What is the electorate for a Panchayat?
19. The cold Labrador current brings nine months winter to which region?
20. How was Akbar’s land revenue system known?

Answer:
1. Karl Marx’s book ‘Das Kapital’ was published in which year?
2. What is Broad money in India?
3. Whose experiments proved that the speed of light was always the same?
4. What is the name of the highest summit of Nilgiri Hills?
5. By which act was the office of the Secretary of State for India?
6. Fish die in water bodies polluted by sewage, why?
7. In which country did the concept of Public Interest Litigation originated?
8. Who is called the Father of English Poetry?
9. Nanda Devi peak forms a part of which range?
10. The title of Governor-General was changed to that of Viceroy in which year?
11. Indra Nooyi is the Chief Executive Officer of which company?
12. What is produced during the formation of photochemical smog?
13. Which part of the cell is essential for protein synthesis?
14. Which National Highways of India is the longest?
15. Before Delhi, where was the capital of India during the British India?
16. For the enforcement of Fundamental Rights, what can the Supreme Court do?
17. Regional Rural Banks are designed to work in which ideal?
18. Which are the first Indian to swim across English Channel?
19. Which National Highways pass through Maharashtra, Chhattisgarh and Orissa?
20. Who coined the slogan “Jai Jawan Jai Kisan”? 

Answer:
1. Why do Electricians use rubber gloves while working?
2. For which disease no vaccine is yet available?
3. Which part of the Constitution deals with the Directive Principles of State Policy?
4. By whom are fishing, hunting and food gathering activities carried out?
5. Which South Indian Kingdom is not mentioned in the Ashokan inscription?
6. Which is the most southerly test match grounds of England?
7. Who are Debenture holders of a company?
8. Which is used as a material for making protective windows in space probes?
9. Which natural region is the best known for the production of grapes?
10. Which place has no Ashokan edicts?
11. Why are the movements of leaves of the sensitive plant Mimosa pudica?
12. What is the total number of Fundamental Duties mentioned in the Constitution?
13. Which Indian batsman was the first to hit 44 fours in a test match innings?
14. How much does the earth revolves round the sun in its orbit by approximately?
15. In which period did iron come to be used by the Vedic people?
16. Susi Susanti, held the Grand Slam title in which game?
17. What work is work done in moving a positive charge on an equipotential surface?
18. Parthenocarpy fruit is obtained by which sprying phytohormone?
19. Between which dates there is a continual daylight or summer in the Arctic regions?
20. By whom was 'Mitakshara', an authoritative treatise on Hindu law, written?

**Answer:**
1. During whose pleasure does the Attorney General of India hold office?
2. By which bank are the central banking functions in India performed?
3. When did Sachin Tendulkar make his Test debut?
4. Which covers the highest percentage of forest area in the world?
5. By which temple is an example of the Nagara style of architecture provided?
6. Which is a non-metal that remains liquid at room-temperature?
7. Who discovered Anopheles mosquito transmit malaria?
8. A person to be qualified for standing in a panchayat election what age must he have attained?
9. Which is the fastest growing tree?
10. By which ruler was the new element of 'Gopuram' encouraged in temples of South India?
11. By whom was Chandigarh designed?
12. From where does the National Stock Exchange functions?
13. Which law is involved in the act of cleaning a carpet by beating it with a stick?
14. Which is the country with the highest density?
15. Who lost his kingdom in Hindustan but retrieved it after about 15 years in exile?
16. Who discovered the causal organism of the disease Anthrax?
17. By whom was the Cabinet Mission to India headed?
18. Who said, ‘Child is the father of Man’?
19. Which country is situated geographically in America but politically a part of Europe?
20. By whom was the coin rupia first issued?

Answer:
1. Who among the following was an eminent Painter?
2. Which colloidal solution is commonly used as germ killer?
3. Which is an insectivorous plant?
4. Which is a north flowing river?
5. Who followed the policy of ‘masterly inactivity’ towards Afghanistan?
6. Who was the Constitutional adviser to the Constituent Assembly of India?
7. Which Public Sector bank’s emblem figures a dog and the words ‘faithful, friendly’ in it?
8. Yamini Krishnamurti is an accomplished exponent of which dance?
9. The river Cauvery flows from which state?
10. The first census was conducted in India at the time of which governor general?
11. Which is the unit of activity of a radioactive source?
12. Between which set of blood groups, is the blood transfusion possible?
13. Which is the only Union Territory that has a High Court of its own?
14. Which region has Mediterranean type of climate?
15. Under whose guidance was the Congress policy of pray and petition ultimately come to an end?
16. When is International Holocaust Remembrance Day, recognized by the UN observed?
17. Which bank gives long term loan to farmers?
18. Medicines are more effective, if they are used in which state?
19. Where is the expression of earliest volcanic activity in India found?
20. Where did the Indian National Army (I.N.A.) come into existence?

**Answer:**
1. What number of essential amino acid is found in man?
2. By whom is the Governor is appointed?
3. When is World Day Against Child Labour observed?
4. Which active volcano is known as ‘the lighthouse of the Mediterranean Sea’?
5. Who Shot himself in a shooting encounter in Allahabad?
6. Who is associated with the development of India’s Atomic Bomb?
7. Kirchhoff’s voltage law is based on the law of conservation of which thing?
8. By which is the amount of light entering into the eye controlled?
9. In which country is Barail range located?
10. Who was known as Tuti-e-Hindustan (the parrot of India)?
11. During the proclamation of National Emergency which articles can not be suspended?
12. Who sings on One-rupee currency notes?
13. Which was the first woman film star nominated to the Rajya Sabha?
14. Which State in India has the broadest continental shelf?
15. Who was the Sikh Guru to be slaughtered by Aurangzeb?
16. Which is the compound in that oxygen shows + 2 oxidation state?
17. Why is genetic diversity in agricultural crops threatened?
18. Anglo-Indian representatives in the Lok Sabha are nominated in terms of which Article?
19. The heavier silicates named ‘Sima’ or silica + magnesium are most abundant in which layer?
20. With which period do we associate the ‘microlith’ implements?

Answer :
1. Who was the first General-Secretary of the Indian National Congress?
2. Which first Bank was established in India?
3. Magnetic dipole moment is a vector quantity directed from which direction?
4. How much distance does the earth’s annual circuit round the sun cover?
5. Which animal had the Stone Age people first?
6. Insectivorous plant generally grow in soil which is deficient in which gas?
7. From which constitution did the Amendment procedure lay down in Indian Constitution?
8. What is the name the President of India who was elected unopposed?
9. Where are the hot desert of the world generally found?
10. Who were the first to attribute coins to the kings?
11. The United Nations declared 2004 as which International Year?
12. Which compound can not be used as nitrogenous fertilizer?
13. What is pH of human blood?
14. Which environment support the growth of Mangrove Swamp?
15. Which script of ancient India was written from right to left?
16. By which amendment has the National Capital Territory of Delhi been constituted?
17. What is the task of the Planning Commission?
18. When is International Talk like a Pirate Day is observed?
19. Which is the largest river in the world?
20. Who was known as 'Andhra Bhoja'?

**Answer:**
1. Dadabhai Naoroji
2. Bank of Hindustan
3. South to north
4. 966 million kms
5. Sheep
6. Nitrogen
7. Constitution of Canada
8. Dr. Neelam Sanjiva Reddy
9. The horse latitude
10. Indo Greeks
11. International Year of Rice
12. HNO₃
13. From 7.5 to 8
14. Tidal flat
15. Kharoshti
16. 69th Amendment
17. Preparation of the plan
18. September 19
19. Amazon
20. Krishnadeva Raya
1. In a sitar wire which type of vibration is produced?
2. How much time does a heart beat require approximately?
3. The ordinances issued by the Governor are subject to approval by which office?
4. Which is the highest waterfall of the world?
5. On which bank is Hampi situated?
6. What is categorized as millet?
7. Who wrote the book ‘Planned Economy for India’?
8. Which is a non-ferrous metal?
9. Which river is known as ‘Vridha Ganga’?
10. Which rulers fought the fourth Anglo-Mysore in which he was killed?
11. In which animal, is skin a respiratory organ?
12. In which list are the Central Government’s exclusive powers enumerated?
14. Lake Sambhar is nearest to which city of Rajasthan?
15. Of which treaty was the Third Carnatic War ended?
16. Which treated as artificial currency?
17. DC current can be controlled by which component?
18. Malaria parasite and Amoeba are grouped under?
19. Boulder clay is a feature associated with which thing?
20. Who is the author of the concept of Antyodaya?

Answer:
1. According to which article untouchability is abolished and its practice is punishable?
2. The author of the controversial book ‘Lajja’ is a citizen of which country?
3. Which game is not included in the Olympic Games?
4. In which direction of flow of stream is controlled by rock structure?
5. Who was the leader of the Indian revolutionary activities in America?
6. Sodium metal is kept under which liquid?
7. Which naturally occurring element in the rice husk makes it termite resistant?
8. Who administers oath of office to the President?
9. In which island of India is an active volcano found?
10. Which Sultan founded a town where now stands Agra?
11. Which first Bank was established in India?
12. If you scored cannon, which game would you be playing?
13. How is image formed on the retina of a human eye?
14. The annual variability of rainfall is over 50 percent in which state?
15. Amir Khusara, the ‘Parrot of India’, was born at which place?
16. Which year has been named International year of Biodiversity by the United Nations?
17. Department of Border Management is a Department of which Union Ministry?
18. Which music composers was deaf?
19. On which date the earth is at the least distance from the sun (Perihelion)?
20. When did the battle which is the story of Mahabharata most probably take place?

Answer:
1. Which is the oldest Development Financial Institution of India?
2. What is a powerful eye irritant present in smog?
3. Where is respiratory centre situated?
4. Which part of the Earth’s surface receives the highest amount of insolation?
5. Which are manuals of instruction in the form of brief rules?
6. Who is the head of the National Defence Committee?
7. Who was the first Indian to be a Fellow of the Royal Society of London?
8. Prof. Amartya Sen has earned worldwide distinction in which field/area?
9. Mist is a result of which thing?
10. At where an example of Chola architecture can be seen?
11. How is the relative permeability of a diamagnetic material?
12. Which gland in human body is popularly called ‘Adam’s apple’?
13. Which was the first woman Governor of a State in free India?
14. The intensity of insolation depends on which line?
15. Between which the famous Battle of Takkolam in South India was fought?
16. In India, the bank NABARD does not provide refinance to which bank?
17. Crusade for human rights is associated with which name?
18. Which nontoxic gas helps in formation of enzymes which ripen fruit?
19. Which desert is famous for its deposits of nitrates?
20. Which queen enjoyed political power along with her husband?

**Answer:**
1. A ‘flower bud’ which is uses as a spice is obtained from which plant?
2. By whom is the Contingency Fund of the State operated?
3. Which country has hosted the Asian Games for maximum number of times?
4. Which country is the largest on producer in the world?
5. Which Englishmen was honoured by Jahangir with the title of ‘Khan’?
6. By whom was the first attempt to initiate economic planning in India made?
7. Which is the colour of the outer edge of the rainbow?
8. Azola anabana is used as fertilizer in growing which crop?
9. Which continent has the highest density of population?
10. Who laid the foundation of the British Civil Service in India?
11. In case a President dies while in office, for how many months can the Vice-President act as President?
12. Who is the only cricketer to score two successive centuries in a World Cup?
13. Who translated the Autobiography of Madam Curie in Hindi?
14. Most of the people of the middle east belong to which group of people?
15. Who started the Public Works Department in India in AD 1848?
16. What is Isomerism exhibited by acetic acid and methyl formate?
17. How many pair of never arises from vertebral column?
18. Who can initiate impeachment proceedings against the President of India?
19. Which soil formed by the deposition of silt brought by rivers?
20. Why was the Indus Valley Civilization Non-Aryan?

**Answer:**
1. For how many years is rolling plan?
2. Who created the unforgettable literary character ‘Swami’?
3. Which remains constant while throwing a ball upward?
4. Which soil is very hard to cultivate?
5. Which is the God who is the most prominent in ‘Rigaveda’?
6. Which is considered as a cell within a cell?
7. In which year was the Constituent Assembly which framed the Constitution for Independent India set up?
8. When was West African Monetary and Economic Union found?
9. What is the name of scale meant for recording weather condition?
10. To whom is the introduction of Buddhism into China traditionally attributed?
11. In which year were Private Sector Mutual Funds in India permitted?
12. Ethylene reacts with sulphur monochloride to form which gas?
13. Ultrafiltering unit of kidney is known by which name?
14. Which is a significant contributor to increased levels of atmospheric carbon dioxide?
15. Who, according to Jains, was the founder of Jainism?
16. How did Constituent Assembly arrived at decisions on the various provisions of the Constitution?
17. How many members of African Development Bank are there?
18. Sushil Kumar is associated with which Game?
19. On the 21st June, the day light is seen at the North Pole for how many hours?
20. Who called himself as the ‘Second Alexander’?

Answer:
1. A convex lens of glass has power P in air. If it is immersed in water, what will be its power?
2. The internal secretion of which acid helps in digestion?
3. Who is responsible for the registration of voters?
4. If a place is located at 20°N, 80°E in which continents does it lie?
5. Which was a Pala Ruler who was raised to the throne by different sections of people?
6. How is the tax which is paid by the person on whom the tax is incident?
7. Jaspal Rana is a distinguished athlete in which game?
8. Which is used in welding industry?
9. Where was the world’s first oil-well drilled in the nineteenth century?
10. Which was a novelty in Shah Jahan’s buildings?
11. Companion cells are usually seen associated with which tube?
12. Which is an extra Constitutional and non-statutory body?
13. Who was the first lady Governor of an Indian state?
14. In which country is the world’s highest hydel power project ‘Rongtong’ located?
15. During which reign was Tobacco introduced for cultivation?
16. Which is called a ‘banker’s cheque’?
17. Which types of waves are used in a night vision apparatus?
18. Which tissue in cells have lost the capicity of cell division?
19. 17th Parallel separates which country?
20. Who established Fergusson College at Pune in the year 1885?

**Answer:**
1. The Chief Minister of Union Territory where such a set up exists, is appointed by whom?
2. By whom was the first English newspaper in India started?
3. Where is the headquarters of the Universal Postal Union?
4. Which is the largest island in the Indian Ocean?
5. The Treaty of Amritsar was concluded between Maharaja Ranjit Singh and whom?
6. Which is known as the queen of spices?
7. When was decimal coinage introduced in India?
8. What is the minimum age required for becoming the Prime Minister of India?
9. Which place ranks second among the coldest places in the world?
10. During the reign of which dynasty did Kalidasa flourish?
11. Which radiation carries maximum energy?
12. Of which bills Open market operations of a Central Bank are sale and purchase?
13. When did World Health Organization (WHO) come into force?
14. Which factor does not have influence on the Indian climate?
15. The Laxman Era was started (in 1119 AD) by which dynasty?
16. Where are Lungs situated?
17. In which article Right to education is a fundamental right?
18. Flux reacts with the impurities to form fusible material, which is known as which name?
19. Water vapour is turned into water droplets by which process?
20. Who according to the Buddhists, is believed to be the next incarnation of Gautam Buddha?

**Answer:**
1. Lt. Governor
2. Rabindranath Tagore
3. Switzerland
4. Madagascar
5. Lord Minto
6. Cardamom
7. 1957
8. 25 years
10. Guptas
11. Gamma-rays
12. Trade bills
13. 7th April, 1948
14. Ocean currents
15. Sens
16. In thoracic cavity
17. Personal liberty under Article
18. Slag
19. Condensation
20. Kalki
1. Where did India play its 1st one day international match?
2. Which is the largest Public Sector Bank in India?
3. If CO₂ concentration in the blood increases, what will breathing?
4. If the dew point is below freezing, it is referred to which point?
5. Where are the Relics of Buddha preserved?
6. How is the censorship of the press judged?
7. Which is printed on a commonly used fluorescent tube light?
8. The name of Prakash Padukone is associated with which game?
9. Which is a hot wind?
10. By tradition, the famous lexicographer Amaraśīmha was a contemporary of which poet?
11. The Indian Football team made its first appearance at Olympics in?
12. In which organ carbohydrate is stored as glycogen?
13. In which year was Panchayati Raj started in the country?
14. Which hot dry local winds that blow on the eastern side of the Alps Mountain?
15. Which works is ascribed to the famous poet Rajasekhara?
16. Which element does not show variable oxidation states?
17. Which bank is the Banker of the Banks?
18. Which is the largest tribal community in India?
19. Which type of coal represents the first stage of formation of coal?
20. Which Sikh Guru fought Mughals?

**Answer:**
1. Which nitrogen fixing bacteria is found in leguminous plant?
2. A person to be qualified for standing in a panchayat election what age must have he attained?
3. Mirage is observed in a desert due to the phenomenon of which reflection?
4. What is the best representative of the acid igneous rocks?
5. During which Sikh Guru Arjun Dev was killed?
6. In which state is Ranganathittu Bird Sanctuary located?
7. Participatory Notes (PNs) are associated with which investors?
8. Which fungus makes symbiotic relationship with the root of higher plant?
9. Which Island of India is an active volcano found?
10. Who was involved in the Alipore Bomb case?
11. Which Chief Justice of India has acted as President of India?
12. At which °C water has maximum density?
13. The Nuclear Non-Proliferation Treaty came into force in which year?
14. Which city will never get the vertical rays of the sun?
15. On whom was the title ‘Punjab Kesari’ was conferred?
16. National Research Centre on Plant Biotechnology is situated at which place?
17. What is a vestigeal organ in man?
18. Which was the only President of India who elected unopposed?
19. The largest coal reserves of India are found in which state?
20. Which Sultan provided employment to unemployeds?

**Answer:**
1. Critical angle of light passing from glass to water is minimum for which colour?
2. With whose assistance was Bokaro Steel Limited established?
3. Where were the xxvii (1996) Summer Olympic games were held?
4. Why was Farakka Barrage commissioned?
5. In the Sultanate period, which was the highest rural authority for land revenue?
6. What amount of energy transferred from one trophic level to next?
7. In whom did the Government of India Act, 1935 vest the residuary power?
8. What is the formula of plaster of paris?
9. Which is called ‘Herring Pond’?
10. Which was the main characteristic of the later Vedic age?
11. With which game is Brookland (England) associated?
12. To which duties is the system of value added taxation applicable?
13. What is the normal temperature of the human body?
14. Which soils developed on transported sediments?
15. Of which dynasty does Vishnu Purana give an account?
16. By which act was the office of Governor General of India created?
17. Which would expand the most on being heated?
18. Who is the proponent and propagandist of the “Art of Living”?
19. The longest circle which can be drawn on the earth’s surface passes through where?
20. By whom was Zero invented?

Answer:
1. Who was the first lady Prime Minister in the world?
2. Which muscle is the strongest of all in the human body?
3. Who has the authority to remove the Vice-President from his office before the expiry of his term?
4. Which phenomenon gives an evidence for the spherical shape of the earth?
5. Which literary figure of the Gupta Age is given the title of 'Indian Shakespeare'?
6. What is the separation of colloidal particles from those of molecular dimensions called?
7. How many Banks were nationalised since 1969?
8. In which field ‘Aachan Maharaj’ has distinguished himself?
9. Factory farming is the characteristic of which region?
10. Who gave the town Masulipatnam to the French?
11. Longest bone found in which part of human body?
12. By whom are the portfolios allocated to the ministers?
13. A metal plate with a circular hole at the centre is heated. What will happen to the area of the hole?
14. From which direction do Summer rains in Australia broadly decreases?
15. Tipu Sultan died fighting the English forces under which general?
16. Who was the first lady to preside over the Congress?
17. What is the animal on the insignia of the RBI?
18. Molecular and cellular research centre is situated in which city?
19. Indian Standard Meridian passes through which states?
20. By whom was the slogan ‘Inquilab Zinda bad’ first raised?

**Answer :**
1. Whom resigned as Vice-President to contest for the office of the President?
2. Dialysis can separate which in addition to the glucose from human blood?
3. Who was the first Indian cricketer to wear a helmet during a match?
4. The Eastern Coast of India is known by which name?
5. Who was called by the British rulers as the leader of Indian unrest?
6. What is the duration of a basketball match both before and after the break?
7. In Homo sapiens, where does fertilisation occurs?
8. By whom is the Prime Minister appointed?
9. Which is the Excluding the moon the celestial object the appear brightest in the sky?
10. Which kingdom was annexed by Bahlol Lodi, the Sultan of Delhi, in A.D. 1484?
11. What is the phenomenon of splitting white light into seven colours?
12. Which is the place where bankers meet and settle their mutual claims and accounts?
13. Who was the founder of Boys Scout and Civil Guide?
14. Summer Solstice in the Southern Hemisphere occurs in which month?
15. Who was a contemporary of Gautama Buddha?
16. Which is the longest bone in the human body?
17. What is the life of Rajya Sabha?
18. What is the main constituent of natural gas?
19. At where do the Eastern Ghats and the Western Ghats meet?
20. Who stabbed Guru Govind Singh to death?

Answer:
1. Bimbavati Devi is a well-known dancer of which type of dance?
2. In which plan was the growth rate of agricultural production negative?
3. Which hormone is called emergency hormone?
4. Which pairs is the highest peak of India?
5. What was the family of the Rigvedic Aryans?
6. On which day is the budget, in normal circumstances, presented to the Parliament?
7. Critical angle is minimum when a light ray passes which thing?
8. Who directed the world famous film ‘The Gandhi’?
9. When does the sun reaches its maximum angular distance from the equator?
10. What was the ancient name of Bengal?
11. Who said, “God helps those who help themselves”? 
12. Which enzyme take part in digestion of milk protein?
13. Right to Constitutional Remedies comes under which rights?
14. When does the South Pole experiences continuous light?
15. Solankis were the rulers of which state?
16. ‘IC chips’ for computers are usually made of which metal?
17. During which Five Year Plan was the total expenditure on agriculture the highest?
18. Which country has won women’s World Cup Kabaddi?
19. Where are the Most of the Japanese industries are located?
20. Which Mughal king tried to stop the practice of sati?

**Answer:**
1. What is the largest lymphatic organ of the body?
2. Indian Constitution recognises minorities on which basis?
3. What does Hydrogen fuel cell vehicles produce as “exhaust”?
4. Which is a landlocked country?
5. Who deserves the credit for the construction of Lal Quila at Agra?
6. In Which city the Asian Games first took place?
7. Which place does Buyer’s market denote?
8. Where is Pituitary gland present?
9. Nine Degree Channel separate which regions?
10. Who Gandhian follower was a teacher by profession?
11. How the Constitution describes India?
12. What is an example of Miscelles System here?
13. Ismat Chughtai is associated with which field?
14. Lakshadweep Islands are the product of which creature?
15. Who conceived the idea of Pakistan?
16. In which festival are boat races a special feature?
17. Which part of human brain is most highly developed as compared to others?
18. Between which a government is federal or unitary on the basis of relations?
19. Which oil fields of India is the oldest and still producing oil?
20. Which Mughal Emperor introduced the policy of Sulah-i-kul?

**Answer :**
1. What will be best colours for a Sun umbrella?
2. What is deficit financing?
3. Which is the official language of East African Development Bank?
4. In which State are Namchik-Namphuk Coalfields located?
5. Tulsidas composed his ‘Ramcharitamanasa’ in the reign of which ruler?
6. In the human body which structure is the appendix attached to?
7. Which is concerned with the regularity and economy of expenditure of government?
8. How many Regional Commissions are established by the UN Economic and Social Council?
9. Which place gets the least rainfall?
10. In which veda does the word 'gotra' first appear with the meaning of 'a clan'?
11. How is the tax which is paid by the person on whom the tax is incident?
12. What is saliva in man?
13. The inspiration of ‘Liberty, Equality and Fraternity’ was derived from which revolution?
14. Which latitude passes through India?
15. By which monk was Ashoka much influenced?
16. A virtual image larger than the object can be formed by which mirror?
17. Who won Jnanpith award for the Year 2011?
18. Which was the journalist who refused to accept Padma Bhushan?
19. The Earth turns through 360° in 24 hours. How much time does each 15° longitude represent?
20. Which dynasty's founder was an elected king?

Answer:
1. White on top and black on inside
2. Spending in excess of revenue
3. French
4. Arunachal Pradesh
5. Akbar
6. Large intestine
7. Public Accounts Committee
8. Jodhpur
9. Atharva Veda
10. Direct tax
11. Alkaline
12. French revolution
13. Tropic of Cancer
14. Upagupta
15. Concave mirror
16. Pratibha Ray
17. Arun Shourie
18. One hour
19. Pala
1. What is the main constituent of haemoglobin?
2. By whom is the Prime Minister appointed?
3. Which substance is a bad conductor of electricity but a good conductor of heat?
4. When it is noon along 82° 30’ longitude, along what degree of longitude it will be 6.30 a.m.?
5. Where is Greeco-Roman influence in Indian art found?
6. In which terms is the Rate of growth of an economy measured?
7. Who wrote the poem, Subh-e Azadi?
8. How many bones are there in the human cranium?
9. Which plate movement is responsible for the formation of mid-ocean ridge?
10. For whom was the Peacock throne made?
11. To whom are the Ministers individually responsible?
12. For an astronaut in a space ship, how does the sky appear?
13. Who is considered the father of Sahatara (Sitar)?
14. Which is the highest plateau in the world?
15. To whom was place for Amritsar given by Mughal emperor Akbar?
17. Blood pressure is the pressure exerted on the wall of which part?
18. Who is directly responsible to Parliament for all matters concerning the Defence Services of India?
19. Which organisation prepares topographical maps of India?
20. By whom the Mahatma Gandhi was referred to ‘Father of the Nation’ first?

Answer:
1. Which was the first synthetic fibre made by man?
2. Who is the Secretary General of UNO?
3. Amjad Ali Khan is associated with which musical instrument?
4. The latitudes that pass through Sikkim also pass through which State?
5. Where was the All India Muslim League formed in 1906?
6. Who are more likely to get tape-worms?
7. By whom is the parliament’s expenditure controlled?
8. What do we use in SONAR?
9. In the structure of planet Earth, below the mantle, the core is mainly made up of which?
10. Which Mughal Emperor had the longest reign?
11. What is the main objective of Antyodaya programme?
12. Irani Trophy is associated with which sport?
13. Cow milk is a rich source of which vitamin?
14. The time at Cairo is 2 hours ahead of Greenwich. Hence, where is it located?
15. The treaty of Bassein (1802) was signed with the British by which Peshwa?
16. Who administers oath of office to the President?
17. What is the best conductor of electricity a 0.1 M solution?
18. Who was named India’s Cricketer of the Century by Wisden?
19. The Dul Hasti Power Station is based on which river?
20. Who was the great Hindu law-giver?

**Answer :**
1. Which bank gives long term loan to farmers?
2. Which mineral is essential for controlling heart beat?
3. The Chief Minister of Union Territory where such a set up exists, is appointed by whom?
4. India is the world’s largest producer as well as the consumer of which crops?
5. In which veda is the ancient time state craft and polity described?
6. A body has a mass of 6 kg on the Earth; when measured on the Moon, what would be its mass?
7. Who was Dr. Salim Ali?
8. In which year was the first International Film Festival of India held?
9. When it is 8 P.M. in Tokyo, what is the time at Panama Canal which is located at 180° W of it?
10. With which man Al Beruni came to India?
11. What is the transmission of characters from one generation to next?
12. Who is authorised to decide over a dispute regarding disqualification of a member of Parliament?
13. What is an example of emulsion?
14. Through which group of countries does the Equator pass?
15. Who was the first Muslim ruler in India?
16. How is the standard of living in a country represented?
17. Nobel Laureate Muhammed Yunus belongs to which country?
18. What is the study of the interaction of antigens and antibodies called?
19. What is the cause of Exposure of rock to the changes of temperature?
20. Who laid the foundations of Portuguese power in India?

Answer:
1. The Lok Sabha is called in session for at least how many times in a year’?
2. Which type of glass can cut of ultraviolet rays?
3. Who was the first to land on moon?
4. The removal of rock, layer by layer due to weathering what is called?
5. In 1757, By whom was the Siraj-ud-daula defeated?
6. Which groups suffer the most from inflation?
7. Which organism is required for the preparation of alcohol?
8. The five year term of the President is calculated from which day?
9. Which is the main difference between the Western and Eastern Ghats?
10. According to the Govt. of India Act of 1935, India had been divided into how many provinces?
11. What is the chemical formula for water glass?
12. In which year, UN General Assembly terminated South Africa’s mandate over Namibia?
13. Which can one come across if one travels through the Strait of Malacca?
14. Which new alluvial deposits found in the Gangetic plain?
15. Why is the date April 6, 1930 known in Indian History?
16. Which is known as master gland in man?
17. By whom is the parliament’s expenditure is controlled?
18. Which phenomena can not be attributed to the refraction of light?
19. Which feature is the product of vulcancity?
20. In which inscription was the name Dharmasoka found?

**Answer :**
1. What is Broad money in India?
2. Who has scored the slowest century in the test cricket?
3. Which is the contractile protein muscle?
4. Which set of types actions occur in arid topography?
5. Which was the The most important industry in Sangam age?
6. By whom the rank of the different Ministers in the Union Council of Ministers is determined?
7. Which of the following is used as a lubricant?
8. Who is the highest wicket taker in the world in one day cricket?
9. How many time in a year Sun shines vertically on the equator?
10. Defeating by whom Babar laid the foundation of Mughal empire in 1526?
11. Regional Rural Banks are designed to work in which ideal?
12. In which disease do the germs enter through open wounds?
13. Which State has the largest percentage of reserved parliamentary seats?
14. The distance between the earth and the sun is smallest in which month?
15. Who were the two great Mughal rulers who wrote their own memoirs?
16. How is the frequency of ultrasound wave typically?
17. Who was the largest serving Chief Minister in India?
18. Who was the first Chief of the Air staff?
19. Which generally produces the largest quantity of oranges?
20. Which was the first association to be formed?

**Answer :**

1. What is potato an under ground modified stem?
2. How many times has National Emergency been declared?
3. With which name of the particle ‘Boson’ is associated?
4. In which country is ‘Mocha’ coffee grown?
5. Who was the only Governor-General/Viceroy to be assassinated in India?
6. Which is the best measure of economic growth of a country?
7. From which country did India buy the Barak anti-missile defence systems?
8. Image of object is formed on which part of eye?
9. To which group do the tribals of central and southern India belong?
10. Which dynasty ruled over India after the invasion of Timur?
11. The Rajya Sabha can have a maximum strength of how many members?
12. What is the function of heavy water in a nuclear reactor?
13. Who had called Subhash Chandra Bose as ‘Desh Nayak’?
14. The Tropic of Cancer passes through which state?
15. The Qutub Minar was completed by which famous rule?
16. Why is Poverty in less developed countries largely?
17. Which is the sweetest natural sugar?
18. How many times can the President of India return a Non-money Bill, passed by Parliament?
19. When is a volcanic eruption most likely to be violent?
20. Buddha and Mahavira died during which reign?

**Answer:**
1. Uranium eventually decays into a stable isotope of element?
2. Who is the author of the classic book Life Divine?
3. Who is the author of the book ‘Preparing for the Twenty first Century’?
4. Which type of volcanic eruptions is not usually explosive?
5. By whom were the triratnas were stressed?
6. How many bones are there in human body?
7. Indian President and Prime Minister are a replica of the heads of the State of which country?
8. What is the frequency of a wave whose time-period is 0.05 second?
9. When it is nine o’clock in London, it will be the same time in which country?
10. Who where the Slave Dynasty Sultans?
11. What does M3 include?
12. Who was the first Indian to win an individual medal in Olympics?
13. What is Funny Bone?
14. Why does the International Dateline deflects to a side?
15. Which Sultan of Delhi, declared himself as a lieutenant of Caliph?
16. At where were the High Courts in India first started?
17. Which is the metal used in storage batteries?
18. Victoria Azarenka is associated with which game?
19. Where are the islands of Seychelles located?
20. Theosophist, educationist and Indian ‘national leader’. To whom is this description?

Answer :
1. The Imperial Bank of India, after nationalisation was given the name of which bank?
2. Who is responsible for the sex determination of a child?
3. How many High Courts in India have jurisdiction over more than one State (Union Territories not included)?
4. Suez Canal joins which two Sea?
5. Who gave the motto ‘Go back to the Vedas’?
6. Which is technique used to transmit audio signal in television broadcasts?
7. Which date is known as ‘Diabetes Day’?
8. Who is the inventor and founder of www?
9. Which type of soils have a marked capacity to retain water?
10. In which language was the ‘Shrimad Bhagavad Gita’ originally written?
11. Which was the Russian scientist who proposed the theory of origin of life?
12. A Money Bill passed by the Lok Sabha has to be passed/returned by Rajya Sabha within how many days?
13. What is laughing gas?
14. Under which climatic conditions do the laterite soils develop?
15. Who wrote Sanskrit Grammar?
16. During whose viceroyalty was the system of Budget introduced in India?
17. When is the Commonwealth Day observed by its member countries?
18. Which set contains foods rich in carbohydrates?
19. Which country in Africa has luxurious tropical rain forests?
20. Which was not a kingdom in ancient India?

Answer:
1. Funds belonging to the Government of India are kept in which fund?
2. Why does Kerosene oil rise up in the wick of lantern?
3. Where is the headquarters of Food and Agriculture Organisation?
4. Xerophytes are plants which can grow in regions having how moisture?
5. Of which influence does the sculptures of the Gandhara school reflect?
6. On which tax is the minimum effect of Direct Taxes?
7. Pregnant women usually become deficient in which nutrients?
8. Which writ may be issued to enforce a Fundamental Right?
9. The latitude of a place expresses its angular position relative to which line?
10. Which techniqiu was introduced by the Turks in the textile sector in India?
11. When sodium bicarbonate is heated, what is the product obtained?
12. In which language did Dr. Masti Venkatesh Iyengar write?
13. “The Vedas contain all the truth” was interpreted by which person?
14. Through which strait does the International Date Line Pass?
15. From where is the term ‘sufi’ derived?
16. Which organ cannot be transplanted?
17. What is the total number of High Courts in India at present?
18. If a liquid wets a solid surface, what is the angle of contact?
19. Which feature is the product of vulcanicity?
20. From where was the term ‘Congress’ derived?

Answer:
1. Consolidated Fund of India
2. Because of surface tension
3. Rome
4. Low moisture
5. Greeks
6. Income
7. Calcium and iron
8. Habeas Corpus
9. Equator
10. Spinning wheel
11. Na₂CO₃
12. Kannada
13. Swami Dayanand
14. Bering strait
15. From a type of garment
16. Brain
17. 24
18. Less than 90°
19. Caldera
20. The History of North America
1. What is the most appropriate measure of a country’s economic growth?
2. The famous player Pele is associated with which game?
3. By which antibodies are produced in the plasma of blood?
4. Which forms of coal is the oldest?
5. By whom was a Public Works Department set up in India?
6. After a no confidence motion is admitted to the Lok Sabha, who decides a date for the debate?
7. Which noble gas was discovered in chromosphere of the sun?
8. Which country hosted the 2014 Commonwealth Games?
9. Which east flowing river of India forms rift valley due to down warping?
10. During which viceroyalty system of budget was introduced in India?
11. What is the basic attribute of a formal organization?
12. Which organ in animals breaks fat to produce cholesterol?
13. What about the salaries of the Judges of the Supreme Court of India during financial emergency?
14. From which states does the River Godavari flows through?
15. Who founded four mathas in the four corners of India?
16. What is Maximum value of the wavelength of ultrasonic waves?
17. The World Water Conservation Day is observed on which date?
18. The headquarters of International Atomic Energy Agency is located in which city?
19. Which type of clouds is a low level cloud?
20. Which one of the Chola kings conquered Ceylon (Sinhal) first?

**Answer :**
1. Which vitamin is necessary for blood clotting?
2. Which can be abolished but not dissolved?
3. What does Talc contain?
4. What is the percentage of radiant energy reflected back by surface called?
5. Which place was famous as a seat of Mahayana learning?
6. Who is the chairman of 13th Finance Commission?
7. In a food chain, how much solar energy utilized by plants?
8. Which group of animals is primates?
9. With whom do the temperate cyclones bring?
10. In which sect did Gandhara school of art came into existence?
11. From where can a Member of Parliament claim immunity?
12. Which types of waves are produced in a sonometer wire?
13. Supersonic jet causes pollution by thinning of which layer?
14. When do the Sea breeze blow?
15. Why did Mahmud of Ghazni attack India?
16. In which terms is the Rate of growth of an economy measured?
17. Which organ have the capacity of regeneration?
18. The Union Territories get representation in which house?
19. Strait of Malacca separates which countries?
20. The extent of the Delhi Sultanate empire was the greatest during which reign?

**Answer:**
1. Which mixture is homogeneous?
2. Who is the author of the book ‘Nice Guys Finish Second’?
3. Book of poems entitled ‘Lamhe Lamhe’ is written by which Indian actress?
4. In which ocean are Hawaiian islands are located?
5. In which year was the first Indian Councils Act passed?
6. Which organelle is present in bacteria or prokaryotic cell?
7. After how many years One-third of the members of the Rajya Sabha retire?
8. If the density of water is 1 gcm⁻³ in C.G.S. System, what is its value in M.K.S. system?
9. Amravati, Bhavani, Hemavati and Kabini are tributaries of which river?
10. By whom was the Doctrine of Lapse introduced?
11. What is temporary tax levied to obtain additional revenue?
12. Which author won the Booker Prize twice?
13. Which hormone contains iodine?
14. Which soil is most suitable for cultivation of cereals?
15. Who were the ashta-diggaja in the court of Krishnadeva Raya?
16. By whom the oath to a High Court Judge is administered?
17. The highest temperature is achieved in which type furnace?
18. Who among the following is the first Asian Winner of Nobel Prize?
19. What are the plants of tropical and sub-tropical regions called?
20. Which Bahmani ruler built the famous Gol Gumbaz at Bijapur?

Answer:
1. In which year was Railway Budget in India separated from general budget?
2. What is the connecting link between Annelida and Arthropoda?
3. Which High Court has jurisdiction over the State of Arunachal Pradesh?
4. Which climate factor has the least effect upon terrestrial ecosystem?
5. Mostly in which form was the literature of the Sangam Age written?
6. Which group have quantities that do not have the same dimension?
7. Which Indian became the President of International Court of Justice?
8. Which Asian languages are UN official languages?
9. One day in Mumbai a tide occurs at 8.00 A.M. when will it occur the next day?
10. Who was the founder of Sunga dynasty?
11. What is not a digestive enzyme in human system?
12. The distribution of seats of the Parliament are based on which census?
13. Which element is responsible for blue baby syndrome?
14. Which has geographical position of 0 degree latitude and 0 degree longitude?
15. Which Mughals is regarded more as an adventurer than a ruler?
16. In the short run, a producer, ‘how long continues his production?’
17. Who is the author of the book “The Argumentative India”?
18. The release of which fish into ponds and wells helps in controlling the mosquitoes?
19. Which conditions are not favourable for the growth of coral reefs?
20. Who was the first Indian ruler to organise Haj pilgrimage at the expense of the state?

Answer :
1. Which can be abolished but not dissolved?
2. Which is not electromagnetic in nature?
3. Who has written the famous book ‘Mankind and Mother Earth’?
4. Which would be the shortest route from San Francisco to Vladivostok?
5. Who founded the ‘East India Association’?
6. What is the aim of Operation Blackboard?
7. What is the pH level of blood of a normal person?
8. Under the Constitution, the residuary powers vest with which government?
9. What is the important feature of shifting cultivation?
10. Which Peshwas was popularly known as Nana-Saheb?
11. Which form of phosphorus is used in safety matches?
12. Who has won Man of the Match award in the 2011 World Cup Cricket?
13. Who was the first black tennis player to win a Wimbledon title?
14. Murrah is a breed of which animal?
15. Which is called ‘The Bible of Tamil Land’?
16. By whom was the life cycle of Plasmodium in mosquito discovered?
17. How many subjects are in the State List?
18. Which phenomena is used in optical fibres?
19. Which country is included in the North-West pacific fishing grounds?
20. When did Ikhtiyaruddin-bin-Bakhtiyar Khalji invade Bengal?

Answer:
1. What is the animal on the insignia of the RBI?
2. In India, maximum number of newspapers are published which language?
3. Production of which thing is a function of liver?
4. Which is the oldest mountain range in India?
5. Who popularised the theory of 'Arctic Region' as the original home of Aryans?
6. Under which article was the State of Jammu and Kashmir accorded special status?
7. What is the ratio of pure gold in 18 carat gold?
8. Which state ranks first in milk procurement in India?
9. Which Very strong and cold icy winds that blow in the Polar regions?
10. Which is the oldest Veda?
11. What is temporary tax levied to obtain additional revenue?
12. How do most insects respire?
13. Who is the longest serving Chief Minister in India?
14. By which Atmospheric humidity is measured?
15. Which was the Sultan who called himself Naib-i-Khudai or Deputy of the God,?
16. If the earth were to skin faster, how does acceleration due to gravity at the poles?
17. Who was the first woman President of the Indian National Congress?
18. Where is the headquarters of the UN Industrial Development Organization?
19. How do fogs formed along the sea-coast?
20. Which is the oldest monument?

**Answer:**
1. Retina of the eye is comparable to which part of a traditional camera?
2. Lotteries organised by the government of a State come under which list?
3. Which gas is used for refrigeration?
4. Which region of the world is most thickly populated?
5. The Champaran Satyagraha was started by Mahatma Gandhi in which year?
6. What does Dear Money Policy imply?
7. Which decade is celebrated as Bone and Joint Decade, recognised by WHO?
8. Which factors are most responsible for disease in plant?
9. Which group of people changes their house types according to seasons?
10. With which case was Ram Prasad Bismil was associated?
11. Which is not administered by a Lieutenant Governor?
12. Which physical quantity have the same dimensions?
13. The United Nations declared 2011 as which International Year?
14. Which is a cash crop?
15. With reference to Delhi Sultanate, who was the founder of Sayyid Dynasty?
16. Who was the first Chairman of the Planning Commission?
17. Which is mostly cold blooded animal?
18. By whom are the Chief Justice and other Judges of the High Court are appointed?
19. Which soil is most suited for tea plantation?
20. Coins of which Muslim ruler been image of Devi Lakshmi?

Answer:
1. By which an element is best characterized?
2. Which is the maximum spoken language in the world?
3. Which is the longest passenger rail route in India?
4. Daily weather map showing isobars is an example of which map?
5. Which was not included in the Eight Fold Path prescribed by Buddha?
6. ‘Darwin finches’ refers to a group of which creature?
7. At where were the High Courts in India first started?
8. Which electromagnetic radiation has the smallest wavelength?
9. Evergreen oak forests are found at the height between how many meters?
10. In which language did Buddha preach?
11. In which year Swarn Jayanti Gram Swa-Rozgar Yojna came into being?
12. Country is the new member of International Coffee Organisation?
13. Of which dried flower buds are used as a spice?
14. In which time does a ship crosses Date line from west to east?
15. Which ruler assumed the title of Hazrat-i-Ala?
16. By whom is the conditions of service and tenure of the Election Commissioner prescribed?
17. Which is the softest?
18. Where is the headquarters of African Export and Import Bank?
19. What is an upper air wind system with very high velocities in certain parts of the atmosphere?
20. By whom was Din-i-Ilahi was accepted?

**Answer:**
1. What is deficit financing?
2. Which snake is not poisonous?
3. Which State has no Panchayati Raj Institution at all?
4. Where is the Main hunting ground for blue whales located?
5. Where did the INA trials took place?
6. How are the magnetic field lines in the middle of a solenoid?
7. The Nuclear Non-Proliferation Treaty came into force in which year?
8. The United Nations declared 2010 as which International Year?
9. Which is called ‘Herring Pond’?
10. Who started the Bhooman Movement?
11. Which pigment is found in the blood of earthworm?
12. Which of appointment is not made by the President of India?
13. What is used in preparing match sticks?
14. Which is the home of “Alphonso” mango?
15. Of which sutra is the theam of the concept of Eight-fold path?
16. On which tax is the minimum effect of Direct Taxes?
17. Where were the first coffee forms established by English?
18. In human body, which hormone regulates blood calcium and phosphate?
19. Which State does not cultivate wheat?
20. Who wrote the Kalpasutra?

**Answer:**
1. What Minimum age is required to contest for Presidentship?
2. Who received Nobel Prize twice for the same subject?
3. In which place was Asia’s first Export Processing Zone (EPZ) set up?
4. In which latitudes are the seasonal contrasts maximum?
5. During which ruler did Bernier visit India?
6. When was National Development Council set up?
7. Which Insectivorous fish used for mosquito control?
8. How are representatives of Union Territories in Lok Sabha chosen?
9. Which is produced by the rapid ascent of moist air?
10. Between which was the battle of Dharmat fought?
11. Which are the Actinides elements with atomic numbers?
12. Which year is celebrated as International Year of Water Cooperation?
13. When is World Poetry Day, recognized by the UNESCO observed?
14. Which is the longest railway platform?
15. Who said “My boy no, you are an Indian first and then a Muslim”?
16. Which gas comes out during photosynthesis?
17. What is the age of retirement of the Judges of the High Court?
18. What is the most suitable unit for expressing nuclear radius?
19. The equator cuts through which islands?
20. Who is the author of the book ‘Hindu way of Life’?

**Answer :**
1. In the short run, a producer, how long continues his production?
2. Which is the largest mosque in India?
3. Absorption of water by root occurs in the region of which parts?
4. What is the transfer of energy through matter from particle to particle?
5. The monuments at Khajuraho belong to the period of which ruler?
6. When the Vice-President officiates as President, whose salary does he draw?
7. Which is the anti-knocking compound used in petrol-engines?
8. Where did the first nuclear explosion in India take place?
9. Which last atmospheric layer has an altitude greater than 80 kilometers?
10. Kanchi was the capital of which rulers?
11. Which place does Buyer’s market denote?
12. Which component of plants receives stimulus for flowering?
13. Which is the largest committee of Parliament of India?
14. Who was first to measure the circumference of the Earth?
15. In which year was Goa captured by the Portuguese?
16. In which process the internal energy of a system remains constant?
17. When is the ‘National Science Day’ celebrated in India?
18. United Nations adopted a charter of Economic Rights in which year?
19. What is the position of a planet when it is nearest to the Sun?
20. Which was the first fort constructed by the British in India?

Answer:
1. Silviculture is the branch of botany what do we study in that?
2. Who was the first Foreign Minister of free India?
3. Chlorine acts as a bleaching agent only in the presence of which thing?
4. Which is the longest Railway Tunnel?
5. Where was the seat of the first Republic of the world in 6th century BC?
6. What is the principal source of revenue to the State Government in India?
7. Which UN body deals with population problem?
8. Jointed appendages are characteristic of which phylum?
9. Which Australian state is an island?
10. By which ruler was Pataliputra chosen for the first time as a capital?
11. Of which country Indian Constitution closely follows the constitutional system?
12. During adiabatic compression of a gas, what is the its temperature?
13. Where and when was the first official Non-Aligned Movement Summit held?
14. How much is the portion of the earth’s surface covered with water roughly?
15. During the time of Harshavardhana, where was a great Buddhist assembly held?
16. In which policy India opted for ‘Mixed Economy’?
17. Plant and animal living in a particular area, what is it called?
18. What is the life of Rajya Sabha?
19. Which oceans does not have a north south submarine ridge?
20. To whom is the phrase 'The Light of Asia' applied?

Answer :
1. Which alloy is used for making magnets for hearing aids?
2. Which year is celebrated as International Year of Biodiversity?
3. The United Nations declared 2011 as which International Year?
4. Which pair of metals- are supposed to constitute the internal core of the earth?
5. Which was the Mughal emperor, who died to a’ sudden fall from the staircase? 
6. Which tissue in man where no cell division, occurs after birth?
7. What does the power of judicial review ensure?
8. Which physical quantities do not have same dimensions?
9. Which is a high cloud?
10. Where is the mausoleum of Sher Shah?
11. How is the contribution of agriculture to India’s economy?
12. The first railway line was laid in which state?
13. Which is the branch of agriculture concerned with the production of crops?
14. Which is the smallest country in South America?
15. Who annulled the Partition of Bengal?
16. Chief Ministers of all the States are ex-officio members of which council?
17. What does Nail polish remover contain?
18. Which is the largest man-made canal in the world?
19. Which is the largest island?
20. With which did the Civil Disobedience Movement in India commence?

Answer :
1. Under which do all taxes come?
2. In India famous Bengal famine accurred in 1942 by which disease?
3. Who is a legal advisor of the State Government as provided by the Constitution?
4. Which type of rubber provides the best commercial rubber?
5. In which text are the original teachings of Mahavira contained?
6. If the momentum of a body is increased by 50%, how much will its K.E. will increase?
7. Which book has been written by Vikram Seth?
8. “Man without society is either a beast or a God”. Who said this?
9. Which biomass has the highest species diversity?
10. In ancient India, which was the earliest capital of Magadha Kingdom?
11. Which animal can fight with snake?
12. According to which article untouchability is abolished and its practice is punishable?
13. Which is used as a mordant in dying and tanning industry?
14. Which is a type of planetary wind?
15. During which reign was the Moti Masjid in Delhi built?
16. Which is poorest state in India?
17. Which is the biggest port in India?
18. Mycology is the branch of botany, what do we study about in that branch?
19. The monsoon has well-developed cycle in which area?
20. At the time of Shahjahan’s illness, Aurangzeb was the viceroy of which area?

**Answer:**

1. What is the respect for the National Flag and National Anthem?
2. What is the principle by which a cooling system (Radiator) in a motor car works?
3. Which ruler established embassies in foreign countries on modern lines?
4. In India, how many States share the coastline?
5. Which struggle of Mahatma Gandhi was related to Industrial worker?
6. Why was Mashelkar Committee constituted?
7. Which branch of biology in which we study about cultivation of flowering plant?
8. Ministers in a State get salaries, by whom is it as determined?
9. Which State of India, has the oldest rock formations in the country?
10. Who was associated with Kakori Conspiracy case?
11. Select the compound in which chlorine shows oxidation state + 7?
12. Whose successful book include circle of Reason and shadow lines?
13. The Lord of Rings The Return of the King won Oscar award in how many categories?
14. The concept of carbon credit originated from which protocal?
15. From which site, was the famous Bull-seal of Indus Valley found?
16. What is the process in which water is split during photosynthesis?
17. From which fund are the salary and allowances of the Governor charged?
18. If an ideal gas is isothermally expanded, what will its internal energy?
19. The daily and annual range of temperature is minimum in which area?
20. Who is the expounder of yoga philosophy?

**Answer:**
1. By whom was concept of Five Year Plans in India introduced?
2. Which is the first National Park established in India?
3. Which fungus causes green ear disease of bajra?
4. What speed of rotation of the earth?
5. By whom was 'Panchatantra' written?
6. Which is the competent body to prescribe conditions for acquisition of citizenship?
7. Which law of thermodynamics introduces the concept of entropy?
8. Kiel Canal connect which seas?
9. Why are In the northern hemisphere, currents deflected to their right?
10. Who is credited with the invention of Algebra?
11. How is Share of Direct tax in post economic reform?
12. Which branch of biology deals with study of heredity and variation?
13. How type of right is Right to Information?
14. Which region is leading producer of “bort” variety of diamond in the world?
15. By which peshwa was the Treaty of Bassein signed with the British?
16. If we move from the equator to a pole, what will be the value of g?
17. Which English Poet finished writing the epic poem ‘Paradise Lost’?
18. Which first feature film (talkie) produced in India?
19. Why are Venice in Italy and Vienna in Austria famous?
20. Who was called as ‘Father of Indian Renaissance’?

Answer:
1. What is the study of principles and procedures of classification?
2. Who appoints the Governor of Jammu and Kashmir?
3. Which substance is used to retard the setting action of cement?
4. Shyok is a tributary of which river?
5. Who is well known for his contribution in the field of Algebra?
6. What is the investment in public works?
7. EI Nino current appears along the coast of which country?
8. Which scientist studied about wheat rust problem?
9. Teesta forms a part of which major river system?
10. Which ruler of Vijayanagar had sent his embassy to the emperor of China?
11. To whom is a minister in a State individually responsible?
12. By which force can fat be separated from milk in a cream separator?
13. The island of Honshu is located in which country?
14. What is the name of very violent and serious types of winds which bring lot of disaster?
15. By whom was the Bahmani Kingdom founded?
16. Which body finalises the Five Year Plan proposals?
17. How many number of chamber are found in the heart of Mammal?
18. What is the minimum age for being the member of the Parliament?
19. What is the minimum forest cover to maintain ecological balance?
20. Which saint wrote ‘Bijak’?

**Answer:**

1. What is the composition of Nitrolim-a chemical fertilizer?
2. Which Indian epic was filmed by British Director Peter Brook?
3. “Bhanu Singha” was the pen name of famous writer?
4. What is the most important factor in thunderstorms development?
5. In which year did the Indian Naval Mutiny against the British take place?
6. Which Bacteria commonly lives in the intestine of human?
7. The distribution of seats of the Parliament are based on which census?
8. Why do The clouds float in the atmosphere?
9. Which is not a form of precipitation?
10. Where was the resolution to start the Quit India Movement adopted by INC at its session?
11. Which is poorest state in India?
12. How many classical dances are there in India?
13. Which is a free living bacteria that help in nitrogen fixation?
14. The oldest inhabitants of India are considered by which name?
15. In which city is Charminar situated?
16. Who acts as the Chancellor of State Universities ?
17. What are species containing same number of electrons called?
18. Which was the Prince who was responsible for the death of his father?
19. In which Union Territory people of the Onge tribe live?
20. Who were the first Europeans to set up sea trade centres in India?

Answer :
1. Why is the Gross National Income always more than Net National Income?
2. What is grown in field by their plantlet?
3. In which list are the Central Government’s exclusive powers enumerated?
4. What is a line on a weather map joining all places of equal pressure called?
5. With which one of the following is the classic 'Jivaka Chintamani' associated?
6. What does TV remote control unit use to operate a TV set?
7. Who is considered as ‘trimutri’ (Trinity) of Carnatic Music?
8. Late Girilal jain was a noted figure in which fields?
9. The tornadoes are very strong tropical cyclones originating in which sea?
10. By whom were Sakas were finally overthrown?
11. Parthanogenesis is seen generally in which fruit?
12. Indian Constitution recognises minorities on which basis?
13. What is an extensive property of the system?
14. Which is the World’s largest synthetic rubber and tyre making centre?
15. In Shivaji’s Ashtapradhan, which officer looked after the foreign affairs?
16. According to the law of demand, what happens when price increases?
17. Shiny Wilson is associated with which game/sport?
18. By which name Pace-maker is also known?
19. Which is the World’s largest producer of wool?
20. Which Emperor had the longest reign?

**Answer:**
1. Direct taxes
2. Onion
3. Union List
4. Isobar
5. Jainism
6. Radio waves
7. Muthuswami Dikshitar
8. Journalism
9. Caribbean sea
10. Gautamiputra Satakarni
11. Grapes
12. Religion
13. Volume
14. Akron
15. Sumant
16. Demand decreases
17. Athletics
18. S.A. Node
19. Australia
20. Muhammad Shah
1. In which does the subject of Co-operative Societies fall?
2. One astronomical unit is the average distance between which bodies?
3. Ben Johnson, the well known athlete belongs to which country?
4. Which river is known as India’s River of Sorrow?
5. Where did the Lingaraja Temple built during the medieval period?
6. Who is the originator of Green Revolution in India?
7. The food material in fungi is stored in which form?
8. Lotteries organised by the government of a State come under which list?
9. In which state is Jog Falls located?
10. Vikramasila Mahavihara was established by the ruler of which dynasty?
11. Rusting of iron is an example of which thing?
12. Mac number is associated with which plane?
13. What is the natural source of hydrocarbon?
14. The high altitude tropical forest which has dwarfed trees is known by which name?
15. From which age can Idol worship in India be traced?
16. Which plant only produce seed but not fruit?
17. By whom is Agricultural Income Tax assigned to the State Governments?
18. For a body moving with constant speed in a horizontal circle, what remains constant?
19. In equatorial regions How is the temperature between July and January?
20. In which battle Porus was defeated by Alexander?

Answer :
1. India is self sufficient in production of which of the following commodities?
2. Which country is not a member of SAARC?
3. Independent alternation of generation is found in which plant?
4. Because of which factor, clouds do not precipitate in deserts?
5. Which Sikh Gurus started the Gurumukhi script?
6. What does the Constitution name our country?
7. Which glass is used in bullet proof screens?
8. Which is the official language of West African Development Bank?
9. The albedo of which cloud is the highest?
10. Who was the Finance Minister under Shivaji?
11. By which income individual’s actual standard of living can be assessed?
12. Chekori powder is obtain from which part of plant?
13. Right to Constitutional Remedies comes under which rights?
14. What is the capital of Lakshadweep?
15. Who was given the title of Andhra-Kavita- Pitamaha?
16. Thermal radiations are electromagnetic wave belonging to which region?
17. Which is considered as the drug of last resort for human being?
18. Which is used as a fuel in Nuclear power stations in India?
19. Which is the second highest peak in the world?
20. Which Sultan of Delhi introduced measures for improving the quality of fruits?

**Answer :**

1. For crop does India have the largest cultivated area in the world?
2. When was the Madras State renamed Tamil Nadu?
3. Which law directly explains the law of conservation of mass?
4. What the wind is deflected due of the rotation of the earth?
5. Who built the stupa at Sanchi in Madhya Pradesh?
6. After textiles, which is India’s second important industry?
7. Which books was written by Tilak?
8. Which gas is absorbed during photosynthesis?
9. Which country leads in fish catches?
10. Which temple got the name of Black Pagoda?
11. Which is an extra Constitutional and non-statutory body?
12. Which are the space waves are affected seriously by atmospheric conditions?
13. Who has written the famous book ‘Anna Karenina’?
14. Which type of climate is known for the maximum diurnal range of temperature?
15. By whom was the first weekly Bengali newspaper ‘Samachar Darpan’ published?
16. Which State stands first in the length of roads in the country?
17. Which type of cell has the ability to develop into any type of all?
18. With what subject do the Articles 5 to 8 of the Constitution of India deal?
19. Which characteristic is NOT found in the convectional rainfall?
20. Who was founder of Boy Scouts and Civil Guides Movement in India?

**Answer:**
1. Rutherford’s scattering experiment related to the size of which thing?
2. What is the permissible level of noise in a silent zone at daytime?
3. Which groups of items contains only biodegradable items?
4. Where is Copacabana Beach located?
5. Who were the first kings to issue gold coins in India?
6. Spice saffron is obtained from which part of plant?
7. The Union Territories get representation in which house?
8. Masses of stars and galaxies are usually expressed in terms of which mass?
9. In which hemisphere does India lie?
10. Which art style combines Indian and Greek feature?
11. How is Indian economy?
12. What is the largest ecosystem of the Earth?
13. Which Pollination takes place with the help of water is called?
14. Which is present in the largest amount in terms of percent by mass in the earth’s crust?
15. Who was the mediator between man and gods according to the Vedic people?
16. Under the Constitution, the residuary powers vest with which government?
17. What is a mixture of potassium nitrate, powdered charcoal and sulphur called?
18. With reference to Indian defence what is, the ‘Lakshya’?
19. What will be the shortest day in Australia?
20. To which age the Painted Grey Ware (PGW) belongs?

**Answer:**
1. Which is India’s oldest iron and steel plant?
2. Belladona medicine is obtained by which part of Atropa belladona?
3. To whom does UPSC submit its annual report on its work?
4. Which city in India never experiences Vertical rays of the sun during noon?
5. By whom was the ‘Jaziya’ abolished?
6. Why is Weightlessness experienced in spaceship?
7. In which year, Economic Community of West African States came into existence?
8. Which year is celebrated as International Year of Astronomy?
9. Which is the most of India’s rainfall?
10. By whom was capital of the Mughal Empire shifted from Agra to Delhi?
11. Which plant produces seed but not fruit?
12. The President of the Indian Union has the same constitutional authority as which country?
13. Which is a major constituent of Biogas?
14. Which Grasslands not support any trees?
15. Which was known as Chalco-lithic Age?
16. Which industry in India was worst affected because of the partition?
17. Which is produced by rain water action?
18. Which ore contains both calcium and magnesium?
19. Where is the greatest average annual precipitation?
20. Alberuni lived during the period of which king?

Answer:
1. TISCO at Jamshedpur 2. From leaf 3. The Union Home Minister 4. New Delhi 5. Akbar 6. Due to absence of gravity