

IB Security Assistant Syllabus 2018

IB Security Assistant Syllabus 2018 : Reasoning Aptitude (20 Marks)

Order & Ranking, Distance & Direction, Blood Relation, Analogy, Mathematical Operations, Figure Analogy, Space Orientation, Classification, Symbolic/Number Classification, Figure Classification, Venn Diagrams, Drawing inferences, Number Series, Embedded figures, Completion of Series, Calendar & Clock, Problem Solving, Emotional Intelligence, Coding and de-coding, Syllogism, Paper Cutting/Folding, Water Image/Mirror Image

IB Security Assistant Syllabus 2018 : English Language (20 Marks)

Spot the Error, Fill in the Blanks, Synonyms/Homonyms, Antonyms, Spellings/ Detecting Mis-spelt words, Idioms & Phrases, One word substitution, Improvement of Sentences, Active/Passive Voice of Verbs, Conversion into Direct/Indirect narration, Shuffling of Sentence parts, Shuffling of Sentences in a passage, Cloze Passage, Comprehension Passage.

IB Security Assistant Syllabus 2018 : General Awareness (40 Marks)

History, Geography, Polity, Physics, Biology, Chemistry, Famous Personalities, Presidents, Prime Ministers, Chief Ministers, Governors, National Symbols, Rivers & Dams, List of Airports, Headquarters of Organization, Biosphere Reserves, Central Government Schemes, First in India, Festivals, Dance, Books & Authors, Historical Monuments, Important Days, States & Capitals, Country & Currency, National Parks, Awards, Biggest, Largest, Longest, Invention & Discoveries, Sports GK

IB Security Assistant Syllabus 2018 : Quantitative Aptitude (20 Marks)

Number Systems: Computation of Whole Number, Decimal and Fractions, Relationship between numbers

Fundamental arithmetical operations: Percentages, Ratio and Proportion, Square roots, Averages, Interest (Simple and Compound), Profit and Loss, Discount, Partnership Business, Mixture and Allegation, Time and distance, Time and work.

Algebra: Basic algebraic identities of School Algebra and Elementary surds (simple problems) and Graphs of Linear Equations.

Geometry: Familiarity with elementary geometric figures and facts, Triangle and its various kinds of centres, Congruence and similarity of triangles, Circle and its chords, tangents, angles subtended by chords of a circle, common tangents to two or more circles.

Mensuration: Triangle, Quadrilaterals, Regular Polygons, Circle, Right Prism, Right Circular Cone, Right Circular Cylinder, Sphere, Hemispheres, Rectangular Parallelepiped, Regular Right Pyramid with triangular or square Base

Trigonometry: Trigonometry, Trigonometric ratios, Complementary angles, Height and distances (simple problems only) Standard Identities like $\sin^2\theta + \cos^2\theta = 1$ etc.

Statistical Charts: Use of Tables and Graphs: Histogram, Frequency polygon, Bar-diagram, Pie-chart