



Delhi Police Head Constable Exam Syllabus

General Awareness :

- Questions are designed to test the Candidate's General Awareness around him/her and its application to society.
- Questions are also designed to test his/her knowledge of current events and of such matters of everyday observation and experience in their scientific aspect as may be expected of an educated person.
- The Test will also include questions relating to India and its neighboring Countries especially pertaining to History, Culture, Geography, Indian Economy, General Polity, Indian Constitution and Scientific Research.
- These Questions will be such that they do not require a special study of any discipline.

Quantitative Aptitude :

- Number Systems:
 - Computation of whole Number,
 - Decimals and Fractions and relationship between Numbers.
- Fundamental Arithmetical Operations:
 - Percentage, Ratio and Proportion,
 - Square roots,

- Averages,
- Interest (Single and Compound),
- Profit and Loss, Discount,
- Partnership Business,
- Mixture and Allegation,
- Time and Distance,
- Time and Work.
- Algebra:
 - Basic algebraic identities of Scholl Algebra (and their simple applications) e.g. Formulas and Elementary surds (simple problems) and Graphs of Linear Equations.
- Geometry: Familiarity with elementary geometric figures and facts:
 - Triangle and its various kinds of centers.
 - centroid,
 - In-centric,
 - Ortho centric,
 - circumcentre 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 (sum of internal angles of a polygon) Circle Right Prism Right Circular Cone,
 - Right Circular Cylinder Sphere,
 - Hemispheres Rectangular Parallelepiped Regular Right Pyramid with triangular or square base.
- Trigonometry:
 - Trigonometric ratios Degree and Radian Measures,
 - Standard Identities. Complementary Angles,
 - Heights and Distances (simple problems only).
- Statistical Charts:
 - Use of Tables and Graphs: Histogram Frequency Polygon Bar-diagram,
 - Pie Chart.

General Intelligence :

- It Would Include Questions of Both Verbal and Non-Verbal type.
- The Test Will Include questions on Semantic Analogy,

- Symbolic Operations,
- Symbolic / Number Analogy,
- Trends,
- Figural Analogy,
- Space Orientation,
- Semantic Classification,
- Venn Diagrams,
- Symbolic/ Number Classification,
- Drawing Inferences,
- Figural Pattern-Folding & unfolding,
- Semantic Series,
- Figural Pattern-Folding & Completion,
- Number Series,
- Embedded Figures,
- Figural Series,
- Critical Thinking,
- Problem Solving,
- Emotional Intelligence,
- Word Building,
- Social Intelligence,
- Coding and De-Coding.

English Language :

- Spot the Error,
- Fill the Blanks,
- Synonyms/ Homonyms,
- Antonyms,
- Spellings/Detecting
- misspelled words,
- Idiom & 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.

Computer Fundamentals :

This Paper Will Include Questions on the following:

- Elements of Word Processing (Word Processing Basics, Opening and Closing Documents, Text Creation, Formatting the Text and Its Presentation Features).
- MS Excel (Elements of Spread Sheet, Editing of Cells, Function, and Formula).
- Communication (Basic of E-mail, Sending / Receiving of Emails and its related Functions).
- Internet, WWW and Web Browsers (Internet, Services on Internet, URL, HTTP, FTP, Web Sites, Blogs, Web Browsing Software, Search Engines, Chat, Video Conferencing, e-Banking) etc.