



**Syllabus for written examination for the post of Sub-Inspector in
J&K Police**

The written examination for the post of Sub-Inspector in J&K Police shall comprise 100 objective-type, multiple-choice questions. Each question shall carry 2 marks. There will be a negative marking of 0.5 marks for each wrong answer.

Duration: 120 minutes

S.No.	Subject	No. of Questions	Marks
A.	General Intelligence & Reasoning	20	40
B.	General Awareness	20	40
C.	Quantitative Aptitude	15	30
D.	English	15	30
E.	Mathematical Abilities	15	30
F.	Computer Proficiency	15	30

A. General Intelligence & Reasoning (20 Questions, 40 Marks)

This component would include questions on analogies, similarities and differences, space visualization, spatial orientation, problem solving, analysis, judgment, decision making, visual memory, discrimination, observation, relationship concepts, arithmetical reasoning and figural classification, arithmetic number series, non-verbal series, coding and decoding, statement conclusion, syllogistic reasoning etc.

The topics are Semantic Analogy, Symbolic/Number Analogy, Figural Analogy, Semantic Classification, Symbolic/Number Classification, Figural Classification, Semantic Series, Number Series, Figural Series, Problem Solving, Word Building, Coding & De-coding, Numerical Operations, Symbolic Operations, Trends, Space Orientation, Space Visualization, Venn Diagrams, Drawing Inferences, Punched Hole/Pattern Folding & Un-folding, Figural Pattern Folding and Completion, Indexing, Address Matching, Date &



City Matching, Classification of Centre Codes/Roll Numbers, Small & Capital Letters/Numbers, Embedded Figures, Critical Thinking, Emotional Intelligence, Social Intelligence.

B. General Awareness (20 Questions, 40 Marks)

Questions in this component will be aimed at testing the candidates' general awareness of the environment around them and its application to society. Questions will also be designed to test knowledge of current events and of such matters of everyday observations and experience in their scientific aspects as may be expected of any educated person. The test will also include questions pertaining to History, Culture, Geography, Economics, General Policy (related to India with special reference to J&K), Sports, Science, Scientific Research, People in News, Current Affairs etc.

C. Quantitative Aptitude (15 Questions, 30 Marks)

The questions will be designed to test the ability of appropriate use of numbers and number sense of the candidate. The scope of the test will be computation of whole numbers, decimals, fractions and relationships between numbers, percentage, ratio & proportion, square roots, averages, interest, profit and loss, discount, partnership business, mixture and alligation, time and distance, time & work.

D. English Comprehension (15 Questions, 30 Marks)

Vocabulary, grammar, sentence structure, synonyms, antonyms and their correct usage; 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.

To test comprehension, three or more paragraphs will be given and questions based on those will be asked. At least one paragraph should be a simple one



based on a book or a story and the other two paragraphs should be on current affairs, based on a report or an editorial.

E. Mathematical Abilities (15 Questions, 30 Marks)

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 properties for one 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).

Statistics and Probability: Use of tables and graphs—histogram, frequency polygon, bar diagram, pie chart; measures of central tendency—mean, median, mode, standard deviation; calculation of simple probabilities.

F. Computer Proficiency (15 Questions, 30 Marks)

Computer Basics: Organization of a computer, Central Processing Unit (CPU), input/output devices, computer memory, memory organization, backup devices, PORTs, Windows Explorer, keyboard shortcuts.

Software: Windows operating system including basics of Microsoft Office like MS Word, MS Excel, and PowerPoint.

Working with Internet and E-mails: Web browsing & searching, downloading & uploading, managing an e-mail account, e-banking.

Basics of Networking & Cyber Security: Networking devices and protocols, network and information security threats (like hacking, virus, worms, Trojan etc.) and preventive measures.



Note: The questions in Parts A, B, & D will be of a level commensurate with the essential qualification viz. Graduation, and questions in Parts C, E & F will be of 10th standard level.