

Technical Assistant (Computer)

1. Logical Reasoning

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

2. Numerical Reasoning

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 percentage, Ratio & Proportion, Square roots, Averages, Interest, Profit & Loss, Discount, Partnership Business, Mixture and Allegation, Time and distance, Time & work, Basic algebraic identities of School Algebra, Elementary surds, Graphs of Linear Equations, Triangle and its chords, tangents, angles subtended by chords of a circle, common tangents to two or more circles and any other question of matriculation level.

3. Verbal Reasoning

Questions in this component will be designed to test the candidate's understanding and knowledge of English language and will be based on spot the error, fill in the blanks, synonyms, antonyms, spelling/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, comprehension passage and any other English language questions at the level of matriculation.

4. General awareness

Questions in this component will be aimed at testing the candidate's general awareness of the environment around him and its application to society. Questions will also be designed to test knowledge of current event and of such matters of every day observations and experience in their scientific aspect as may be expected of any educated person. The test will also include questions relating to India and its neighboring countries especially pertaining History, Culture, Geography, Economic Scene, General Policy, Indian Constitution & Scientific Research and Others.

5. Computer Proficiency

Questions in this component will be aimed at testing the candidate's knowledge in applications like MS Office, Internet, Creation and manipulation of databases, basics of operating systems, Basics of Computer, Computer Organization and Architecture, Programming and Data Structures, Algorithms, Theory of Computation, Computer Networks.

Section name	Marks per item	No. of items
Logical Reasoning	1 mark	10
Numerical Reasoning	1 mark	10
Verbal Reasoning	1 mark	10
General Awareness	1 mark	10
Computer Proficiency	1 mark	60
Total		100