

SYLLABUS FOR THE COMPUTER BASED WRITTEN TEST (CBT)
DATED 7TH OF APRIL, 2024

- A. The selection will be based on assessment through Computer Based Written-Test to be held on **Sunday, 7th of April, 2024**. Candidates shortlisted will be called for document verification which will be followed by pre-employment medical test.
- B. **The Computer based written test will be held in centres at Delhi, Kolkata, Bangalore & Mumbai** and no change in the test centre will be entertained.
- C. Candidates have to make their own arrangement towards attending the Written test.
- D. Computer based written test consisting of 100 Multiple Choice Questions (consisting of 4 choices which will have once correct answer) @ 1 mark for each correct answer. Negative marks of 0.25 (i.e. ¼) marks for every one wrong answer will be deducted. **The duration of the test will be 120 minutes (2 hours).**
- E. The CBT will have four parts consisting of **Part A:** English language **Part B:** Quantitative aptitude, **Part C:** Reasoning Ability and **Part D:** General knowledge/ awareness.
- F. **The minimum cut-off marks to be scored in each of Part – B, Part- C and Part D would be of 10 marks (i.e 40% in each part).** **There is not cutoff marks to be scored in Part -A, however the** Candidate has to obtain an overall score of minimum of 60% (relaxable by 5% for SC/ST & PwD) to pass the Computer based Test. However, shortlisting for final selection will be based on max marks obtained or as decided by BEML Management.
- G. The indicative syllabus for the Computer based test is mentioned below:

CBT - Parts	No of Questions	Indicative Syllabus
Part - A	25	English language: This section tests the candidate's knowledge of English language and grammar. The indicative topics covered would among others include Reading Comprehension, Cloze Test, Fill in the blanks, Error Spotting, Paragraph Complete or Sentence Correction, Para jumbles, Miscellaneous
Part - B	25	Quantitative aptitude: This section tests the candidate's quantitative aptitude. The indicative topics covered would among others include Simplification, Ratio, Proportion, and Percentage, Number Systems, Profit & Loss, Mixtures and Allegations, Compound Interest, Simple Interest, Time and Distance, Work and Time, Sequence and Series, Permutation, Combination, and Probability, Data Interpretation, Mensuration (Cylinder, Cone, and Sphere)
Part - C	25	Reasoning: This Reasoning section tests the candidate's logical and analytical reasoning skills. The indicative topics covered would among others include Coded Inequalities, Seating Arrangement, Puzzle Tabulation, Logical Reasoning, Ranking/Direction/Alphabet Test, Data Sufficiency, Syllogism, Blood Relations, Input-Output, Coding-Decoding, Alphanumeric Series
Part - D	25	General Awareness: This section tests the candidate's knowledge of General Awareness. The indicative topics covered would among others include Current Affairs, Summits, Books & Authors, Awards, Sports, Defence. Obituary, Budget Basics and Current Union Budget, Government Schemes, Indian history, geography, culture, economic scenario, polity and scientific research Other important concepts.

The link to download the Admit Card for the Computer based written test will be made available soon.