GENERAL ENGLISH  
(Full Marks : 100)

(a) Essay Writing (Not more than 300 words) .................................................. 20 Marks  
(b) Idioms & Phrases (MCQ) ............................................................................. 16 Marks  
(c) Comprehension of given passages (MCQ) ..................................................... 12 Marks  
(d) Grammar (MCQ) .......................................................................................... 20 Marks  
Parts of Speech : Nouns, Adjective, Verb, Adverb, Preposition, etc.  
(e) Composition (MCQ) .................................................................................... 16 Marks  
   i) Analysis of complex and compound sentences  
   ii) Transformation of sentences  
   iii) Synthesis of sentences  
(f) Correct usage and vocabularies (MCQ) ......................................................... 16 Marks

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TECHNICAL PAPER-I (MCQ)  
(Full Mark - 150)

GROUP - A  
BASIC STATISTICS............................................ 70 Marks  
Basic Statistics - Meaning, scope and use of Statistics.  
Collection of data - Primary and Secondary.  
Measures of Central Tendency.  
Diagramatic and Graphic Presentation.  
Classification and Tabulation.

GROUP - B  
SIMPLE ARITHMETIC........................................... 60 Marks  
Simple Arithmetic will include Averages, Profit & Loss,  
Simple Interest, Fractions & Decimals, Time & Distance,  
Simple Geometry, Mensuration, Simplification, Square Roots.
GROUP - C

APPTITUDE TEST............................................... 20 Marks

(a) Numerical And Figurework Tests: (4 Marks)
These tests are reflections of fluency with numbers and calculations. It shows how easily a person can think with numbers. The subject will be given a series of numbers. His/Her task is to see how the numbers go together to form a relationship with each other. He/She has to choose a number which would go next in the series.

(b) Verbal Analysis And Vocabulary Tests: (6 Marks)
These tests measure the degree of comfort and fluency with the English language. These tests will measure how a person will reason with words. The subject will be given questions with alternative answers, that will reflect his/her command of the rule and use of English language.

(c) Visual And Spatial/3-D Ability Tests: (4 Marks)
These tests are used to measure perceptual speed and acuity. The subject will be shown pictures where he/she is asked to identify the odd one out; or which comes next in the sequence or explores how easily he/she can see and turn around objects in space.

(d) Abstract Reasoning Tests: (6 Marks)
This test measures the ability to analyse information and solve problems on a complex, thought based level. It measures a person’s ability to quickly identify patterns, logical rules and trends in new data, integrate this information, and apply it to solve problems.

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TECHNICAL PAPER - II (MCQ)

(Full Mark - 150)

APPLIED STATISTICS


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