

UG - Humanities, Management, Science

Exam Pattern

Section	Subject	Questions	Total_Marks	Duration
1	Critical Thinking	30	60	45 minutes
2	Problem Solving	30	60	45 minutes
3	Language Comprehension	40	80	60 minutes

Syllabus

Section 1 & 2 : Critical Thinking and Problem-Solving

1. **Identifying Logical Fallacies:** Recognize errors in reasoning, such as false assumptions or flawed arguments.
2. **Identifying Accurate Conclusions/Assumptions:** Draw logical and sound conclusions from, recognize underlying assumptions in, or derive accurate extensions from a given set of statements.
3. **Identifying Accurate Examples/Definitions:** Accurately decipher the crux of a statement or argument and recognise appropriate evidence in support of the argument.
4. **Situation Analysis/Problem Solving:** Synthesise appropriate information to the end of recognizing problems or identifying the best possible solutions to a real-life context.
5. **Argument/Object Classification:** Recognize patterns in arguments, group similar arguments or statements together, and recognize suitable relationships between material or abstract concepts.
6. **Data Analysis:** Interpret data from graphs, tables, charts and other representations to draw meaningful conclusions.
7. **Commercial Math:** Solve real-world mathematical problems related to trade, profit, and loss.

8. **Visual Reasoning:** Analyze and solve problems involving symmetry, tessellation and patterns.
9. **Algebra:** Apply algebraic concepts to solve equations and inequalities.
10. **Arithmetic:** Solve fundamental numerical problems involving operations, ratios, and percentages.
11. **Mensuration/Volume:** Calculate areas, perimeters, volumes, and surface areas of geometric shapes.
12. **Complex Problem Solving:** Approach multi-step mathematical problems that require logical and quantitative reasoning.

Section 3: Language Comprehension

1. Analyze and interpret a variety of reading materials to derive meaning and infer key ideas.
2. **Passage Analysis:** Identify main ideas, supporting details, and the logical flow of arguments in a text.
3. **Inference and Interpretation:** Draw logical inferences and understand implied meanings from the text.
4. **Evaluating Arguments:** Assess the validity, tone, and strength of arguments within passages.
5. **Vocabulary in Context:** Understand and deduce the meaning of words or phrases based on their usage within the passage.
6. **Relationship Identification:** Analyze the relationship between ideas, sentences, or paragraphs in a text.