

### MIDC Fireman Exam Pattern

| S. No        | Subjects                           | No. of Questions / Maximum Marks | Time Duration |
|--------------|------------------------------------|----------------------------------|---------------|
| 1            | General Awareness                  | 50                               | 150           |
| 2            | General English                    | 50                               |               |
| 3            | Numerical Aptitude                 | 25                               | 150           |
| 4            | General Intelligence and Reasoning | 25                               |               |
| <b>Total</b> |                                    | <b>150</b>                       | <b>150</b>    |

### MIDC Fireman Exam Syllabus - Topic Wise

#### General Awareness

- Indian Constitution.
- Current Affairs – National & International.
- Economic Scene.
- Scientific Research.
- General Polity.
- Culture.
- Geography.
- History.

#### General English

- Grammar.
- Antonyms.
- Idioms and Phrases.
- Passage.
- Spellings.
- One Word substitutions.
- Improvements.
- Verbal Comprehension Passage.
- Adjectives.
- Spot the Error.
- Synonyms/ Homonyms.
- Clauses.
- Fill in the Blanks.

- Verbs.
- Vocabulary.
- Sentence Structure.
- Detecting Mis-spelt Words.

### Numerical Aptitude

- Ratio and Time.
- Averages.
- Time and Work.
- Fractions.
- Dynamics.
- Primary Mathematics.
- Calculus.
- Real Analysis.
- Menstruation.
- Computation of Whole Numbers.
- Operations Research and Linear Programming.
- Differential Geometry.
- Statics.
- Numbers.
- Number Systems.
- Percentages.
- Fundamental Arithmetical Operations.
- Discount.
- Decimals.
- The relationship between Numbers.
- Algebra.
- Differential Equations.
- Statistics.
- Analytical Geometry.
- Time and Distance.
- Ratio and Proportion.
- Interest.
- Discount.

### General Intelligence and Reasoning

- Artificial Language.
- Making Judgements.
- Analogies.
- Matching Definitions.
- Verbal Reasoning.
- Number Series.
- Verbal Classification.
- Statement and Assumption.

- Statement and Conclusion.
- Logical Games.
- Theme Detection.
- Statement and Arguments.
- Cause and Effect.
- Logical Deduction.
- Letter and Symbol Series.
- Essential Part.
- Logical Problems.
- Analyzing Arguments.
- The Course of Action.

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