

# Mazagon Dock



## Mazagon Dock Rigger and Electrician Exam Pattern

- Aptitude (Numerical Ability)
- English.
- Reasoning.
- Concerned subject (Electrical).

## Mazagon Dock Rigger and Electrician Syllabus

### **Electrical**

- Electromagnetic Theory.
- Power Systems.
- Electrical Machines.
- Power System Analysis & Control.
- Electrical Instrumentation.
- Utilization of Electrical Energy.
- Power System Protection.
- Electronics Devices.
- Analog and Digital Electronics.
- Power Electronics & Drives.
- Switch Gear and Protection.
- Control Systems.
- Network Analysis.

### **Aptitude**

- Number Systems.
- Computation of Whole Numbers.
- Averages.
- Interest.
- Profit and Loss.
- Discount.
- Use of Tables and Graphs.

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- Time and Work.
- Decimals.
- Computation of Whole Numbers.
- Percentages.
- Fundamental arithmetical operations.
- Menstruation.
- Time and Distance.
- Ratio and Time.
- Ratio and Proportion.
- Fractions.
- The relationship between Numbers.
- Fundamental arithmetical operations.

## English

- Idioms and Phrases.
- Sentence Improvement.
- Synonyms.
- Sentence Arrangement.
- Antonyms.
- Active and Passive Voice.
- Substitution.
- Fill in the blanks.
- Spotting Errors.
- Passage Completion.
- Sentence.
- Error Correction (Phrase in Bold).
- Spelling Test.
- Substitution.
- Prepositions.
- Completion.
- Error Correction (Underlined Part).
- Transformation.
- Para Completion.
- Joining Sentences.

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## Reasoning

- Logical Sequence of Words.
- Alphabet Series.
- Clocks & Calendars.
- Figure Classification.
- Non-herbal Series.
- Number Ranking.
- Arithmetical Number Series.
- Analogy.
- Problem Solving.
- Arrangements.
- Relationship Concepts.
- Number Series.
- Arithmetical Computation.
- Arithmetical Reasoning.
- Coding-Decoding.
- Embedded Figures.
- Verbal and Figure Classification.