

## Vizag Steel Plant Exam Pattern Pdf

S.No	Exam Type	Paper Type	Subjects	Exam Language
1	Objective Type	I	General Aptitude (Arithmetic, Reasoning, Data interpretation)	English or Hindi
2			General Awareness	
3			Knowledge of English	
5		II	Concerned Subjects	

### Vizag Steel Plant Syllabus

#### Data Interpretation

- Venn Diagrams
- Pie Graph/Chart
- Tabular Data
- Bar Chart/Graph

#### General Awareness

- Countries & Capitals
- International & National Organizations
- Current Events
- Important Days
- Awards & Honours
- Important Financial & Economic News
- Books & Authors
- Science – Inventions & Discoveries
- Current Affairs – National & International
- Sports

#### Arithmetic

- Simple & Compound Interest
- Clocks
- Logarithms
- Percentages
- Bar Graphs
- Permutations & Combinations
- Averages
- Time & Distance
- Decimals & Fractions
- Probability
- Time & work
- Simplification
- Boats & Streams
- Problems on Trains
- Profit & Loss
- Ratios & Proportions
- Mensuration
- Problems on Ages
- Partnership
- Pipes & Cisterns
- Heights & Distance
- Mixtures & Allegations
- HCF & LCM

## Reasoning

- Cubes & Dices
- Problem Solving
- Syllogism
- Blood Relations
- Coding & Decoding
- Visual Memories
- Non-Verbal Series
- Clocks & Calenders
- Directions

- Number Series
- Mirror Images
- Arithmetical Reasoning
- Judgment
- Decision Making
- Analogies

## English

- Passage Correction
- Error Correction
- Sentence Correction
- Articles
- Grammar
- Subject-Verb Agreement
- Unseen Passages
- Comprehension
- Sentence Completion
- Antonyms
- Parts of Speech
- Fill in the Blanks
- Synonyms
- Tenses
- Sentence Rearrangement
- Vocabulary
- Theme detection
- Idioms & Phrases
- Passage Completion

## Technical Subjects

### Metallurgy

- General Metallurgy
- Material Science
- Foundry Technology

- Physical Metallurgy
- Welding & Corrosion
- Mechanical Metallurgy
- Extractive Metallurgy

## **Instrumentation**

- Analytical, Optical and Biomedical Instrumentation
- Basics of Circuits and Measurement Systems
- Digital Electronics
- Transducers, Mechanical Measurement, and Industrial
- Control Systems and Process Control
- Instrumentation and Communication
- Analog Electronics
- Signal and Systems
- Electrical and Electronic Measurements

## **Mechanical**

- Engineering Mechanics
- Theory of Mechanics
- Operations Research
- Computer Integrated Manufacturing Design
- Product Design & Development
- Strength of Materials
- Energy Conservation & Heat Transfer
- Production Planning & Control
- Thermodynamics
- Machining & Machine Tool Operations
- Engineering Materials & Fluid Machines
- Machine Design
- Inventory Control
- Metal Casting

## **Electrical**

- Power Electronics & Drives
- Control Systems
- Electrical & Electronics Measurements
- Signals & Systems
- Power Systems
- Electrical Machines
- Electrical fields & Circuits

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