

RAILWAY NTPC DETAILED SYLLABUS

☒ Stage 1: Computer Based Test (CBT 1)

1. General Awareness:

- Current Events of National and International Importance
- Indian History (Ancient, Medieval, Modern)
- Indian Geography (Physical, Social, and Economic)
- Indian Polity and Governance (Constitution, Political System, Panchayati Raj, Public Policy)
- Indian Economy (Basic Concepts, Budget, and 5-Year Plans)
- General Science (Physics, Chemistry, Biology – up to 10th standard level)

- Environmental Issues and Sustainable Development
- Sports and Sports Personalities
- Books and Authors, Awards and Honours
- Culture, Monuments, and Arts
- Inventions and Discoveries
- Important Dates and Events
- Government Schemes and Policies

2. Mathematics:

- Number System
- Decimals and Fractions
- LCM and HCF
- Ratio and Proportion
- Percentage
- Time and Work
- Time and Distance
- Simple and Compound Interest
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Profit, Loss, and Discount

- Algebra (Linear Equations, Polynomials)
- Geometry (Lines, Angles, Triangles, Circles)
- Trigonometry (Basic identities, Height & Distance)
- Elementary Statistics (Mean, Median, Mode)
- Mensuration (Area and Volume of 2D and 3D figures)
- Pipes and Cisterns, Boats and Streams
- Mixtures and Alligations

3. General Intelligence and Reasoning:

- Analogies
- Completion of Number and Alphabet Series
- Coding and Decoding
- Mathematical Operations
- Relationships
- Syllogism
- Venn Diagrams
- Puzzle (Seating Arrangement, Blood Relations)

- Data Sufficiency
- Statement and Conclusion
- Statement and Assumptions
- Directions and Distances
- Ranking and Order
- Classification
- Assertion and Reason
- Input-Output

- Decision Making and Judgement
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☒ Stage 2: Computer Based Test (CBT 2)

- Same Subjects: General Awareness, Mathematics, and General Intelligence & Reasoning
- Higher Difficulty: Questions are more conceptual and application-based
- Weightage & Timing:
 - 120 questions in 90 minutes
 - Subject-wise distribution may vary slightly

- **Negative Marking:** 1/3 mark deducted for every wrong answer
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☒ **Typing Skill Test (TST) (for specific posts like Junior Clerk, Accounts Clerk, etc.)**

- **Typing Speed Required:**
 - 30 words per minute (WPM) in English
 - OR 25 WPM in Hindi
- **Medium:** Conducted on a computer
- **Qualifying in Nature:** Marks not counted for merit

☒ Computer-Based Aptitude Test (CBAT)

(Only for posts like Traffic Assistant and Station Master)

- Conducted only for candidates shortlisted via CBT 2
 - Contains test batteries assessing concentration, memory, perception, and decision-making
 - No negative marking
 - Minimum qualifying mark: 42 in each test battery
 - Equal weightage with CBT 2 in final merit (for eligible posts)
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☒ Document Verification and Medical Exam

- Based on performance in CBTs and qualifying tests
- Medical standards differ per post (e.g., vision for Station Master)
- Candidates must be declared medically fit