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## RRB NTPC Syllabus 2024

### a. Mathematics:

- Number System
- Decimals
- Fractions
- LCM
- HCF
- Ratio and Proportions
- Percentage
- Mensuration
- Time and Work
- Time and Distance
- Simple and Compound Interest
- Profit and Loss
- Elementary Algebra
- Geometry and Trigonometry
- Elementary Statistics

### b. General Intelligence and Reasoning:

- Analogies
- Completion of Number and Alphabetical Series
- Coding and Decoding
- Mathematical Operations

- Similarities and Differences
- Relationships
- Analytical Reasoning
- Syllogism
- Jumbling
- Venn Diagrams
- Puzzle
- Data Sufficiency
- Statement – Conclusion
- Statement – Courses of Action
- Decision Making
- Maps
- Interpretation of Graphs

**c. General Awareness:**

- Current Events of National and International Importance
- Games and Sports
- Art and Culture of India
- Indian Literature
- Monuments and Places of India
- General Science and Life Science (up to 10th CBSE)
- History of India and Freedom Struggle
- Physical, Social and Economic Geography of India and World
- Indian Polity and Governance – Constitution and Political System
- General Scientific and Technological Developments including Space and Nuclear Program of India
- UN and Other Important World Organizations
- Environmental Issues Concerning India and World at Large
- Basics of Computers and Computer Applications
- Common Abbreviations
- Transport Systems in India
- Indian Economy
- Famous Personalities of India and World
- Flagship Government Programs
- Flora and Fauna of India

- Important Government and Public Sector Organizations of India

**1<sup>st</sup> Stage Computer Based Test (CBT) - Common for all notified posts of this CEN 01/2019.**

Exam Duration in Minutes	No. of Questions (each of 1 mark) from			Total No. of Questions
	General Awareness	Mathematics	General Intelligence and Reasoning	
90	40	30	30	100

The examination duration will be 120 Minutes for eligible PwBD candidates accompanied with Scribe.

The section wise distribution given in the above table is only indicative and there may be some variations in the actual question papers. **There will be negative marking and 1/3 mark shall be deducted for each wrong answer.**

The 1<sup>st</sup> Stage CBT is of screening nature and the standard of questions for the CBT will be generally in conformity with the educational standards prescribed for the posts. The normalized score of 1<sup>st</sup> Stage CBT shall be used for short listing of candidates for 2<sup>nd</sup> Stage CBT as per their merit. **Candidates who are shortlisted for 2<sup>nd</sup> Stage CBT availing the reservation benefits of OBC(NCL)/SC/ST/EWS, PwBD and ExSM shall continue to be considered only against OBC(NCL)/SC/ST/EWS, PwBD and ExSM for all subsequent stages of recruitment process.**

The Questions will be of objective type with multiple choices and are likely to include questions pertaining to:

**a. Mathematics:**

Number System, Decimals, Fractions, LCM, HCF, Ratio and Proportions, Percentage, Mensuration, Time and Work, Time and Distance, Simple and Compound Interest, Profit and Loss, Elementary Algebra, Geometry and Trigonometry, Elementary Statistics etc.

**b. General Intelligence and Reasoning:**

Analogies, Completion of Number and Alphabetical Series, Coding and Decoding, Mathematical Operations, Similarities and Differences, Relationships, Analytical Reasoning, Syllogism, Jumbling, Venn Diagrams, Puzzle, Data Sufficiency, Statement- Conclusion, Statement- Courses of Action, Decision Making, Maps, Interpretation of Graphs etc.

**c. General Awareness:**

Current Events of National and International Importance, Games and Sports, Art and Culture of India, Indian Literature, Monuments and Places of India, General Science and Life Science (up to 10th CBSE), History of India and Freedom Struggle, Physical, Social and Economic Geography of India and World, Indian Polity and Governance- constitution and political system, General Scientific and Technological Developments including Space and Nuclear Program of India, UN and Other important World Organizations, Environmental Issues Concerning India and World at Large, Basics of Computers and Computer Applications, Common Abbreviations, Transport Systems in India, Indian Economy, Famous Personalities of India and World, Flagship Government Programs, Flora and Fauna of India, Important Government and Public Sector Organizations of India etc.

Minimum percentage of marks for eligibility in various categories: UR-40%, EWS-40%, OBC (Non creamy layer) -30%, SC-30%, ST-25%. These percentages of marks for eligibility may be relaxed by 2% for PwBD candidates in case of shortage of PwBD candidates against vacancies reserved for them.

## **2<sup>nd</sup> Stage Computer Based Test (CBT):**

Separate 2<sup>nd</sup> Stage CBT shall be taken for each of the 7<sup>th</sup> CPC Level i.e. Level 2, 3, 4, 5 and 6 with graded difficulty level. All posts falling within same level of 7<sup>th</sup> CPC shall have a common 2<sup>nd</sup> stage CBT. If candidates are eligible for more than one level of 7<sup>th</sup> CPC posts as per their educational qualifications, they have to give common 1<sup>st</sup> stage CBT and corresponding 2<sup>nd</sup> stage CBT for each level of 7<sup>th</sup> CPC as per the table given in Para 13.6.

Shortlisting of Candidates for the 2<sup>nd</sup> Stage CBT shall be based on the normalized marks obtained by them in 1<sup>st</sup> Stage CBT and the options for various posts exercised by them keeping in view the educational qualification of the candidate i.e. 10+2 or Graduate. Total no. of candidates to be shortlisted shall be 20 times the community wise vacancies of posts notified against the RRB as per their merit in 1<sup>st</sup> Stage CBT cum choice of posts. However, Railways reserve the right to increase/decrease this limit in total or for any specific category(s) as required to ensure availability of adequate candidates for all the notified posts.

The examination duration and number of questions for 2<sup>nd</sup> stage CBT are indicated below:

<b>Exam Duration in Minutes</b>	<b>No of Questions (each of 1 mark) from</b>			<b>Total No of Questions</b>
	General Awareness	Mathematics	General Intelligence and Reasoning	
90	50	35	35	120

The examination duration will be 120 Minutes for eligible PwBD candidates accompanied with Scribe.

The section wise distribution given in the above table is only indicative and there may be some variations in the actual question papers. **There will be negative marking and 1/3 mark shall be deducted for each wrong answer.**

The Questions will be of objective type with multiple choices and are likely to include questions pertaining to:

### **a. Mathematics:**

Number System, Decimals, Fractions, LCM, HCF, Ratio and Proportions, Percentage, Mensuration, Time and Work, Time and Distance, Simple and Compound Interest, Profit and Loss, Elementary Algebra, Geometry and Trigonometry, Elementary Statistics etc.

### **b. General Intelligence and Reasoning:**

Analogies, Completion of Number and Alphabetical Series, Coding and Decoding, Mathematical Operations, Similarities and Differences, Relationships, Analytical Reasoning, Syllogism, Jumbling, Venn Diagrams, Puzzle, Data Sufficiency, Statement- Conclusion, Statement- Courses of Action, Decision Making, Maps, Interpretation of Graphs etc.



### **c. General Awareness:**

Current Events of National and International Importance, Games and Sports, Art and Culture of India, Indian Literature, Monuments and Places of India, General Science and Life Science (up to 10th CBSE), History of India and Freedom Struggle, Physical, Social and Economic Geography of India and World, Indian Polity and Governance- constitution and political system, General Scientific and Technological Developments including Space and Nuclear Program of India, UN and Other important World Organizations, Environmental Issues Concerning India and World at Large, Basics of Computers and Computer Applications, Common Abbreviations, Transport Systems in India, Indian Economy, Famous Personalities of India and

World, Flagship Government Programs, Flora and Fauna of India, Important Government and Public Sector Organizations of India etc.

Minimum percentage of marks for eligibility in various categories: UR-40%, EWS-40%, OBC (Non creamy layer)-30%, SC-30%, ST-25%. These percentages of marks for eligibility may be relaxed by 2% for PwBD candidates in case of shortage of PwBD candidates against vacancies reserved for them.

The normalized marks scored by the candidate in the 2<sup>nd</sup> stage CBT shall be used for short listing the candidates for document verification for the posts which do not have Typing Skill Test/Computer based Aptitude Test. For the posts having Typing Skill Test/Computer based Aptitude Test, the normalized marks scored by the candidate in the 2<sup>nd</sup> stage CBT shall be used for shortlisting the candidates for Typing Skill Test/Computer based Aptitude Test.

### **Computer Based Aptitude Test (CBAT) (Only for candidates who have opted for Traffic Assistant and Station Master)**

**Qualifying marks:** The candidates need to secure a minimum T-Score of 42 marks in each of the test batteries to qualify. This is applicable to all candidates irrespective of community or category i.e. irrespective of SC/ST/OBC-NCL/EWS/PwBD/Ex SM and no relaxation in the minimum T- Score is permissible.

### **Typing Skill Test (TST):**

For the posts Senior Clerk cum Typist, Junior Accounts Assistant cum Typist, Senior Time Keeper, Junior Clerk cum Typist, Accounts Clerk cum Typist and Junior Time Keeper, Typing Skill Test (TST) of qualifying nature (marks obtained in typing skill test shall not be added for making merit) shall be conducted for which the number of candidates equal to eight times the number of vacancies for each of the community shall be called for. The candidates should be able to type 30 words per minute (WPM) in English or 25 WPM in Hindi on **Personal Computer only** without editing tools and spell check facility. For guidelines of those who appear for typing skill test in Hindi, Kruti Dev and Mangal font shall be made available for typing skill test on Personal Computer. Exemption in Typing Skill Test may be extended to candidates who are permanently disabled due to Blindness/Low Vision, Cerebral Palsy & Loco Motor Disability with not less than 40% permanent disability. Such eligible PwBD candidates have to upload a scanned copy of Typing Skill Test Exemption Certificate

