

RRB NTPC Syllabus & Exam Pattern 2024: CBT 1 & CBT 2 PDF Download

The Railway Recruitment Board has released the RRB NTPC Syllabus & Exam Pattern for aspirants seeking roles in the Indian Railways' Non-Technical Popular Categories. Candidates should have a thorough understanding of the syllabus and exam structure for effective exam preparation. The [RRB NTPC Recruitment](#) is conducted in multiple stages, including the Preliminary Exam also known as CBT 1, the Mains Exam also known as CBT 2 & depending on the post, a Typing Skill Test or Computer-Based Aptitude Test will also be conducted.

Each stage has a distinct exam pattern covering syllabus areas such as Mathematics, General Awareness, Intelligence and Reasoning. By familiarizing yourself with these topics, you can streamline your study plan and focus on key areas to enhance your chances of success in the 2024 exam. In this article, check everything you must know about RRB NTPC Syllabus & Exam Pattern 2024 and download the Syllabus PDF for effective preparation.

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RRB NTPC Syllabus & Exam Pattern 2024

Knowledge of RRB NTPC Syllabus is one of the most important pieces of information that every candidate preparing for the RRB NTPC should have. Candidates must be familiar with important subjects and topics from the syllabus before getting started with their preparation.

As per the official exam pattern for RRB NTPC, candidates must undergo 4 stages of the selection process, 1st Stage CBT examination, 2nd Stage CBT Examination, Computer Based Aptitude Test/Typing Test, Document Verification. In the CBTs, questions will be asked from subjects like General Awareness, Mathematics, and General Intelligence and Reasoning. The Typing Test is applicable only for posts like Senior Clerk Cum Typist, Junior Accounts Assistant Cum Typist,

Download the detailed topic-wise Syllabus for RRB NTPC Prelims & Mains exams from the PDF provided below –

Download RRB NTPC Syllabus PDF 2024

RRB NTPC Exam Pattern for CBT 1

CBT 1 is the first Online Examination conducted in the selection process of RRB NTPC recruitment. Below is the pattern of the 1st Stage CBT exam for RRB NTPC –

Subject	Number of Questions	Maximum Marks	Duration
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General Awareness	40	40	90 Minutes
Mathematics	30	30	
General Intelligence and Reasoning	30	30	
Total	100	100	

Note –

- There will be a total of 100 questions in RRB NTPC CBT 1 for a total of 100 marks.
- Each question carries 1 mark.
- There will be a negative marking of $\frac{1}{3}$ marks for every wrong answer.
- The duration of the RRB NTPC 1st Stage CBT Exam is 90 minutes, and for PWD candidates, the duration will be 120 minutes.
- The minimum percentage of marks to qualify in the examination is: UR-40%, EWS- 40% OBC-30%, SC- 30%, ST- 25%

RRB NTPC Syllabus 2024 for CBT 1

CBT 1 is the first stage of the RRB NTPC Exam. A total number of 100 questions will be asked in the Stage I exam. CBT 1 questions will be of objective type with multiple choices and are likely to include questions pertaining to Maths, Intelligence & Reasoning and General Awareness. The subject-wise syllabus of the NTPC Stage I exam is given below –

RRB NTPC Maths Syllabus for CBT 1

The Mathematics section of the RRB NTPC exam is designed to assess a candidate's numerical and problem-solving abilities, focusing on a range of topics from basic arithmetic to advanced quantitative concepts. Below is the detailed mathematics syllabus for RRB NTPC –

Subject	Topics
Maths	Number System
	Decimals
	Fractions

	LCM
	HCF
	Ratio and Proportions
	Percentage
	Mensuration
	Time and Work
	Time, Speed, and Distance
	Simple and Compound Interest
	Profit and Loss
	Elementary Algebra
	Geometry and Trigonometry
	Elementary Statistics

General Intelligence and Reasoning Syllabus for RRB NTPC (CBT 1)

The General Intelligence and Reasoning section of the RRB NTPC exam is designed to evaluate a candidate's logical thinking and problem-solving abilities. Below is the detailed RRB NTPC Syllabus for General Intelligence & Reasoning

Subject	Syllabus Topics
General Intelligence & Reasoning	Analogies
	Statement and Conclusion
	Completion of Number and Alphabetical Series
	Coding and Decoding
	Puzzle
	Data Sufficiency
	Mathematical Operations
	Similarities and Differences
	Relationships
	Analytical Reasoning
	Syllogism
	Jumbling

	Venn Diagrams
	Statement-Courses of Action
	Decision Making
	Maps
Interpretation of Graphs	

General Awareness Syllabus for RRB NTPC (CBT 1)

The General Awareness section of the RRB NTPC syllabus 2024 is designed to evaluate a candidate's knowledge of current events, general knowledge, and understanding of the world around them. This table has the detailed General Awareness Syllabus for RRB NTPC –

Subject	Syllabus Topics
General Awareness	Inventions and Discoveries
	Neighboring Countries of India
	Current Events of National and International Importance
	Games and Sports
	Countries, Capitals, and Currency
	Art and Culture of India

Art and Culture of India

Indian Literature

Important Monuments and Places of India

General Science and Life Science (up to 10th CBSE)

Members of Rajya Sabha

History of India and Freedom Struggle

Physical, Social and Economic Geography of India and World

List of Phobias

Indian Polity and Governance- Constitution and Political System

General Scientific and Technological Developments

List of IPL Winners

UN and Other Important World Organizations

Environmental Issues Concerning India and World

	List of Airports of India
	Basics of Computers and Computer Applications
	List of Sports Terms
	Common Abbreviations
	List of Arjuna Award Winners
	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	
Current GK	

RRB NTPC Exam Pattern for CBT 2

The candidates will be shortlisted in the ratio of 1:20 times the vacancies of the category. The shortlisting is based on the performance of the candidates in the 1st stage of the CBT exam in RRB NTPC 2024. The detailed subject wise exam pattern is as follows –

Subject	Number of Questions	Maximum Marks	Duration
General Awareness	50	50	90 Minutes
Mathematics	35	35	
General Intelligence and Reasoning	35	35	
Total	120	120	

Note –

- A total of 120 questions will be asked in the RRB NTPC 2nd Stage CBT Exam.
- The RRB NTPC Exam will be conducted for 120 marks.
- Each question carries 1 mark.
- There will be a negative marking of $\frac{1}{3}$ for every wrong answer.
- The duration of the RRB NTPC 2nd Stage CBT Exam is 90 Minutes, while the duration of the RRB NTPC 2nd Stage CBT for the PWD candidates is 120 minutes.
- The minimum percentage of marks to qualify in the examination is : UR-40%, EWS- 40% OBC-30%, SC- 30%, ST- 25%

RRB NTPC Syllabus for CBT 2

As per the RRB NTPC exam pattern, the questions will be of objective type with multiple choices. CBT 2 will include questions pertaining to subjects similar to the ones asked in the CBT 1 paper. The subject wise syllabus topics for RRB NTPC CBT 2 are as follows –

RRB NTPC Maths Syllabus for CBT 2

The Maths section of the RRB NTPC syllabus 2024 is designed to assess a candidate's numerical & problem-solving abilities. Below is the detailed mathematics syllabus for RRB NTPC –

Subject	Syllabus Topics
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Maths	Questions on Average
	Geometry and Trigonometry
	Problems on Weight
	Elementary Statistics
	Questions on Height
	Ratio and Proportions
	Questions on Marks
	Percentage
	Questions on Basic Problems
	Elementary Algebra
	Questions on Relative Speeds
	Questions on Boats, Train, etc.
	Decimals
	Questions on Basic Linear Equation in One variable

Questions on Basic Linear Equation in two variables

Simple and Compound Interest

Profit and Loss

Questions on Dishonest/Successive Dealings

Questions on Partnerships

General Intelligence and Reasoning Syllabus for RRB NTPC (CBT 2)

The General Intelligence and Reasoning section of the RRB NTPC exam aims to assess a candidate's logical thinking and problem-solving skills. Here is a detailed breakdown of the RRB NTPC syllabus for General Intelligence & Reasoning –

Subject	Topic
General Intelligence &	Classification: Number, Letter and Meaningful Words, GK Based

Reasoning	Analogy: Number, General Knowledge, Meaning & Letter Based Questions
	Series: Number Series, Alphabet Series
	Coding-Decoding: Coding-Decoding, Operations on Place Value, Letter Shifting, Coding Letters by words, Analogy on Fictitious Language
	Blood Relations: Questions on family Tree Problems, Questions on General Blood Relation Problems
	Clock & Calendar: Questions on Calendar Based Questions, Time & Clock Hands
	Ordering & Ranking: Ranking based Questions
	Directions & Distances: Simple Problems on Directions, Formula Based Distance Questions
	Word Formation: Arranging words in a meaningful order
	Non-Verbal Reasoning: Complete the Pattern, Classification, Series, Figure Based Analogy, Cube-Based Questions
	Others: Missing Number based questions, Venn Diagram based questions, Puzzle based questions

General Awareness Syllabus for RRB NTPC (CBT 2)

The General Awareness section of the RRB NTPC syllabus aims to assess a candidate's proficiency in current events, general knowledge, and their understanding of the world. Candidates can refer to standard [RRB NTPC Books](#) to prepare for this section. Below is a detailed breakdown of the General Awareness syllabus for RRB NTPC –

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Subject	Syllabus Topics
General Awareness	Important Current Affairs
	Games and Sports
	Art and Culture of India
	Indian Literature and Important Books
	Monuments and Places of India
	General Science and Life Science (up to 10th CBSE)
	Indian History
	Physical, Social and Economic Geography of India and World
	Indian Polity and Governance- constitution and political system, Common Abbreviations
	Transport Systems in India
	Important Aspects of Indian Economy
	Famous Personalities

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

Go through expert recommended [RRB NTPC Preparation Tips](#) to streamline your preparation.

RRB NTPC Weightage of Different Subjects

While preparing for the RRB NTPC CBT 1 and CBT 2, it is essential to identify topics which carry more weightage and are frequently asked in the exam. Below is a topic wise distribution of marks for each of the three sections asked in RRB NTPC Computer Based Test –

Attempt [RRB NTPC Previous Year Papers](#) to check high-weightage topics.

Marks Distribution For General Intelligence Reasoning

The table below indicates topic-wise mark distribution for General Intelligence and Reasoning –

Topics	Weightage
Decision making	1-2
Coding-Decoding	3-4

Puzzles	3
Analogy	2
Order and Rank	2-3
Alphabet & Figure series	2-3
Blood relation	1-3
Odd pair	1-2
Logical Arrangement of words	3
Distance & direction	2-3
Venn diagram	3-4
Number series	2

Odd One Out	1
Mathematical operators	1-2
Statement & Conclusions	2

Marks Distribution For Mathematics

The table below indicates topic-wise marks distribution for Mathematics –

Topics	Weightage
Simple/ Compound Interest	2-3
Number system	2-3
Geometry	2-3
Time and work	1-3
Profit and Loss	3-4
Average	2-3
Pipes and Cistern	1-2
Fraction	1

Problem on ages	1-3
HCF/LCM	2-3
Percentage	1

Ratio and Proportion	1
Algebra	1
DI	3-4
Trigonometry	1
Time and work	1
Speed time distance	3-4
Simplification	2-3

Marks Distribution For General Awareness

The table below indicates topic-wise marks distribution for General Awareness –

Topics	Weightage
History	7-8

Geography	6
Polity	4
Economics	1-2

Biology	4
Physics	2
Chemistry	2
Static GK	3
Books & Authors	1-2
Imp Organisation	1-2
Days & Dates	1
Space/defence	1-2
Inventions & Discoveries	1
Computer knowledge	1

Current Affairs	4-2
Sports	1
Others	1-2

Note – This marks distribution is approximate and not absolute. The number of questions of each topic might increase or decrease in the upcoming exam!

RRB NTPC Computer-Based Aptitude Test (Only for Candidates who Opted for the post of Traffic Assistant and Station Master)

Candidates who applied for the post of Traffic Assistant & Station Master will have to appear for an additional Computer Based Aptitude Test (CBAT). For this CBAT, candidates 8 times the number of vacancies of the category will be shortlisted. Candidates are shortlisted for CBAT on the basis of marks obtained in the 2nd Stage of the CBT Exam. The candidates scoring at least 70% of marks in the 2nd Stage and 30% of marks in the CLAT examination will be considered in the merit list. The RRB NTPC CBAT consists of the following tests –

1. **Intelligence Test** – This test consists of 5 figures with 4 similar figures and 1 different figure. Candidates need to identify the odd one out. It evaluates the ability to logically solve problems and think differently to choose the correct answer.
2. **Selective Attention Test** – This test measures the capacity to focus only on relevant details while ignoring distractions. Candidates have to concentrate and match whether 2 numbers are the same or different. It checks one's power of concentration and ability to focus.
3. **Spatial Scanning Test** – This test analyzes how accurately one can observe and match objects spatially. Candidates need to identify the shortest route between 2 stations on a map in minimum time. It evaluates the spatial reasoning and scanning ability to find solutions quickly.
4. **Information Ordering** – This test checks the power to logically arrange items in a sequence as per given rules. Candidates are required to follow instructions and serially place information in correct order using reasoning.
5. **Personality Test** – This test understands individual traits, attitudes and preferences through multiple choice questions with no correct answers. Responses help assess personality on two factors and scores are calculated accordingly. It provides insights into one's behavior and thought process.

Typing Skill Test (TST) for RRB NTPC

This is the third stage of the RRB NTPC selection process. Candidates who qualify the CBT 1 and CBT 2 will be shortlisted to appear for this Typing Test. The typing skill test is conducted for candidates who have applied for roles including –

- Senior Clerk Cum Typist
- Senior Time Keeper
- Accounts Clerk
- Junior Time Keeper
- Junior Clerk Cum Typist.

The typing Skill test is Qualifying in nature. Candidates can attempt this test in both Hindi and English languages and do so without using any editing tools. Below is the pattern for the Typing Skill Test –

Medium of Language	Typing Speed
English	30 words per minute
Hindi	25 words per minute

We hope this article on RRB NTPC Syllabus & Exam Pattern was informative and useful in understanding details about the syllabus and paper pattern details of posts under the RRB NTPC Recruitment. Download the [Testbook App](#) to get access to industry-best learning resources, expert-recommended preparation tips as well as latest updates about the RRB NTPC and other government recruitments.

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