

# RRB NTPC Syllabus 2024

## RRB NTPC Syllabus for CBT 1:

### Mathematics Syllabus

The **mathematics section contains 30 marks for 30 questions**. Check the detailed RRB NTPC Mathematics Syllabus for CBT 1 in the table below.

Sections	Topics to Prepare
<b>Simplification</b>	<ul style="list-style-type: none"><li>• BODMAS Rule</li><li>• Fractions</li><li>• Approximate Value</li><li>• Surds &amp; Indices</li></ul>
<b>Interest</b>	<ul style="list-style-type: none"><li>• Problems with Simple Interest</li><li>• Problems with Compound Interest</li><li>• Installments</li></ul>
<b>Percentage</b>	<ul style="list-style-type: none"><li>• Calculation on Basic Percentage Problems</li></ul>
<b>Ratio &amp; Proportion</b>	<ul style="list-style-type: none"><li>• Problems with Simple Ratios</li><li>• Problems with Compound Ratio</li><li>• Direct/Indirect Proportions</li></ul>
<b>Average</b>	<ul style="list-style-type: none"><li>• Problems on Average</li><li>• Problems on Weight</li><li>• Problems on Height</li><li>• Problems on Marks</li></ul>
<b>Problems on Ages</b>	<ul style="list-style-type: none"><li>• Basic Problems</li></ul>

### **Speed, Time & Distance**

- Problems on Average
- Problems with Relative Speeds
- Problems on Boats, Trains, etc.

### **Algebra**

- Basic Linear Equation in One Variable
- Basic Linear Equation in two variable

### **Profit & Loss**

- Problems with Profit/Loss
- Dishonest/Successive Dealings
- Partnerships

### **Number Series**

- Complete the Series
- Finding Missing/Wrong Term

### **Mensuration**

- Problems on Plane Figures: Square, Rectangle, Circle, etc.

### **Time & Work**

- Problems with Work Efficiency
- Problems on Wages
- Problems on Pipes

### **Mixture Problems**

- Make a mixture from two or more entries/mixtures

## **RRB NTPC General Intelligence & Reasoning Syllabus**

The **General Intelligence and Reasoning** section contains **30 marks for 30 questions**. Check the detailed RRB NTPC General Intelligence & Reasoning Syllabus below.

### **Sections**

### **Topics to Prepare**

### **Classification**

- Number
- Letter & Meaningful Words
- GK Based Questions

### **Analogy**

- Number
- General Knowledge
- Meaning & Letter Based Questions

### **Series**

- number & Alphabet Series

### **Coding-Decoding**

- Letter Shifting
- Coding Letters by Words
- Coding by Analogy
- Coding-Decoding based on Numbers
- Operations on Place Value
- Coding & Decoding on Fictitious Language

### **Blood Relations**

- family Tree Problems
- General Blood Relation Problems

### **Clock & Calendar**

- Calendar Based Questions
- Questions on Time & Clock Hands

### **Ordering & Ranking**

- Simple ranking 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
- Figure Based Analogy
- Classification
- Series
- Cube-Based Questions

### **Others**

- Missing Number
- Venn Diagram
- Puzzle

## **RRB NTPC General Awareness Syllabus**

### **Sections**

### **Topics to Prepare**

#### **Current Affairs/General Awareness**

- Economics
- Current Affairs
- Geography
- History
- Polity
- Computers
- Sports
- Literature
- Awards
- Books & Authors
- Miscellaneous

## General Science

- Environment
- Living Organism
- Life Processes in Organisms & Plants
- Heredity & Evolution
- Natural Resources
- Atoms & Molecules
- Chemical Reactions & Equations
- Acid, Bases & Salts
- Metals & Non-Metals
- Periodic Table
- Force & Laws of Motions
- Work & Energy
- Sound
- Light
- Electricity
- Sources of Energy
- Diseases, Reasons & Cure
- Improvement in Food Resources

## RRB NTPC Syllabus for CBT 2

### RRB NTPC Mathematics Syllabus

The candidates can go through the details of the RRB NTPC Mathematics Syllabus from the table given below.

### RRB NTPC Mathematics Syllabus

#### Topics for Mathematics Section

#### Topics to Prepare

- BODMAS Rule
- Fractions
- Approximate Value

- Surds & Indices
- Problems with Simple Interest
- Problems with Compound Interest
- Instalments
- Calculation on Basic Percentage Problems
- Problems with Simple Ratios
- Problems with Compound Ratio
- Direct/Indirect Proportions
- Problems on Average
- Problems on Weight
- Problems on Height
- Problems on Marks
- Basic Problems
- Problems on Average
- Problems on Relative Speeds
- Problems on Boats, Trains, etc.

- Basic Linear Equation in One Variable
- Basic Linear Equation in Two Variables
- Problems with Profit/Loss
- Dishonest/Successive Dealings
- Partnerships
- Complete the Series
- Finding Missing/Wrong Term
- Problems on Plane Figures: Square, Rectangle, Circle, etc.
- Problems with Work Efficiency
- Problems on Wages
- Problems on Pipes
- Make a mixture from two or more entries/mixtures

## **General Intelligence & Reasoning Syllabus**

The CBT 2 Syllabus for RRB NTPC for the General Intelligence & Reasoning Syllabus has been discussed below.

### **Sections**

### **Topics to Prepare**

### **Classification**

- Number
- Letter & Meaningful Words
- GK Based Questions

### **Analogy**

- Number
- General Knowledge
- Meaning & Letter Based Questions

### **Series**

- number & Alphabet Series

### **Coding-Decoding**

- Letter Shifting
- Coding Letters by Words
- Coding by Analogy
- Coding-Decoding based on Numbers
- Operations on Place Value
- Coding & Decoding on Fictitious Language

### **Blood Relations**

- family Tree Problems
- General Blood Relation Problems

### **Clock & Calendar**

- Calendar Based Questions
- Questions on Time & Clock Hands

### **Ordering & Ranking**

- Simple ranking Questions

### **Directions & Distances**

- Simple Problems with Directions
- Formula-Based Distance Questions

### **Word Formation**

- Arranging words in a meaningful order



## Non-Verbal Reasoning

- Complete the Pattern
- Figure Based Analogy
- Classification
- Series
- Cube-Based Questions

## Others

- Missing Number
- Venn Diagram
- Puzzle

## CBT 2 Syllabus for General Awareness

The CBT 2 Syllabus for General Awareness is almost the same as CBT 1, although there is a difference in the difficulty level. Check the General Awareness CBT 2 Syllabus in the table.

### Current Affairs

- **National and International Events:** Major events and news, including political, economic, and social developments.
- **Awards and Honors:** Important awards like Bharat Ratna, Padma Awards, Nobel Prize, etc.
- **Sports:** Important tournaments and championships (e.g., Olympics, FIFA World Cup, Cricket World Cup).
- **Government Policies and Schemes**
- **Science and Technology:** New inventions, discoveries, and technological advancements. Space missions, defense news, and environmental initiatives.
- **Books and Authors:** Recently published books and their authors.
- **Economy and Finance:** Important economic events, budget updates, and financial news. Reports released by organizations like IMF, World Bank, etc.
- **Environment and Ecology:** Important news related to climate change, conservation efforts, and environmental treaties.
- **International Affairs:** Major international organizations (e.g., UN, WHO, WTO) and their recent activities. Global summits, treaties, and international relations updates.
- Important days and dates.
- Obituaries of notable personalities.
- Census data, demographic studies, and related topics.

### General Awareness/General Studies

- **History:** Ancient History, Medieval History, Modern History, Indian National Movement.
- **Geography:** Physical Geography of India and World, Socio-Economic Geography.

- **Economy:** Basic concepts of Economy, Indian Economy, World Bank, IMF, Economic Planning in India, Five-Year Plans, Recent Economic Developments, Important Government Schemes, GDP, Inflation, Budgeting, Fiscal Policy, Monetary Policy, Banking, and Financial Institutions.
- **Polity:** Political System, Constitution, Judiciary, Legislature, Executive, Fundamental Rights, Parliament, DPSP, Local Government, Panchayati Raj, Amendments.
- **General Science:** Atoms & Molecules, Chemical Reactions & Equations, Acid, Bases & Salts, Metals & Non-Metals, Periodic Table, Force & Laws of Motions, Work & Energy, Sound, Light, Electricity, Sources of Energy, Diseases, Reasons & Cure, Improvement in Food Resources
- **Environment:** Living Organism, Life Processes in Organisms & Plants, Heredity & Evolution, Natural Resources, Biodiversity, Conservation, Environmental Pollution, Climate Change, Sustainable Development.

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