

Railway Syllabus and Exam Pattern

RRB NTPC Syllabus 2020 For Stage 1

RRB NTPC Syllabus Subject wise: The Questions will be of objective type with multiple choices and will include questions about the three topics namely General Awareness, Mathematics and General Intelligence and Reasoning.

| RRB NTPC EXAM Subjects (100 Marks) | Syllabus of RRB NTPC Topics |
|--|---|
| RRB NTPC Mathematics Syllabus (30 Marks) | <ul style="list-style-type: none">• Number System• Decimals• Fractions• LCM and HCF• Ratio and Proportions• Percentage• Mensuration• Time and Work• Time and Distance• Simple Interest and Compound Interest• Profit and Loss• Elementary Algebra• Geometry• Trigonometry |
| RRB NTPC General Awareness Syllabus (40 Marks) | <ul style="list-style-type: none">• Current Events of National and International Importance• Monuments and Places of India• Games and Sports• Art and Culture of India• Indian Literature• Indian Polity and Governance- constitution and political system• General Science and Life Science (up to 10th CBSE)• History of India and Freedom Struggle• UN and Other important World Organizations• Physical Social and Economic Geography of India and World• General Scientific and Technological Developments including Space and Nuclear Program of India• Environmental Issues Concerning India and World at Large• Basics of Computers and Computer Applications |

| | |
|---|--|
| | <ul style="list-style-type: none"> • Abbreviations • Indian Economy • Flagship Government Programs • Famous Personalities of India and World • Important Government and Public Sector Organizations of India etc. |
| RRB NTPC General Intelligence and Reasoning Syllabus (30 Marks) | <ul style="list-style-type: none"> • Completion of Number and Alphabetical Series • Mathematical Operations • Relationships • Analogies • Analytical Reasoning • Syllogism • Data Sufficiency • Statement- Conclusion • Statement- Courses of Action • Decision Making • Coding and Decoding • Jumbling • Venn Diagrams • Puzzle • Interpretation of Graphs, etc. |

• **RRB NTPC CBT 1 Exam Pattern**

As per Syllabus of RRB NTPC the stage 1 exam contains 100 questions to be attempted in 90 minutes. The subject wise exam pattern is given below:

| Sections | Maximum Marks |
|------------------------------------|-------------------|
| General Awareness | 40 |
| Mathematics | 30 |
| General Intelligence and Reasoning | 30 |
| Total | 100 |
| Total no of questions – 100 | Time – 90 Minutes |

RRB NTPC Syllabus For Stage 2

The topics included in stage 2 will be the same as that of stage 1 but with a different marking scheme. The RRB NTPC Syllabus 2020 following topics are comes in Stage 2:

| RRB NTPC Subjects (120 Marks) | RRB NTPC Exam syllabus Subject wise Topics |
|---|--|
| RRB NTPC General Awareness Syllabus (50 Marks) | <ul style="list-style-type: none"> • Current Events of National and International Importance • Monuments and Places of India • Games and Sports • Art and Culture of India • Indian Literature • Indian Polity and Governance- constitution and political system • General Science and Life Science (up to 10th C BSE) • History of India and Freedom Struggle • UN and Other important World Organizations • Physical Social and Economic Geography of India and World • General Scientific and Technological Developments including Space and Nuclear Program of India • Environmental Issues Concerning India and World at Large • Basics of Computers and Computer Applications • Abbreviations • Transport Systems in India • Indian Economy • Flagship Government Programs • Flora and Fauna of India • Famous Personalities of India and World • Important Government and Public Sector Organizations of India etc. |
| RRB NTPC Maths syllabus: Mathematics (35 Marks) | <ul style="list-style-type: none"> • Number System • Decimals • Fractions • LCM and HCF • Ratio and Proportions • Percentage • Mensuration |

| | |
|---|--|
| | <ul style="list-style-type: none"> • Time and Work • Time and Distance • Simple Interest and Compound Interest • Profit and Loss • Elementary Algebra • Geometry • Trigonometry • Elementary Statistics, etc. |
| RRB NTPC General Intelligence and Reasoning Syllabus (35 Marks) | <ul style="list-style-type: none"> • Completion of Number and Alphabetical Series • Mathematical Operations • Similarities and Differences • Relationships • Analogies • Analytical Reasoning • Syllogism • Data Sufficiency • Statement- Conclusion • Statement- Courses of Action • Decision Making • Maps • Coding and Decoding • Jumbling • Venn Diagrams • Puzzle • Interpretation of Graphs, etc. |

RRB NTPC Exam Syllabus for History

| RRB NTPC History Topics | Chapters of History |
|--------------------------|---|
| Ancient History of India | Pre-historic Period |
| | Harappan civilization |
| | The Vedic Civilization & Culture |
| | The emergence of Mahajanapadas & Magadh |
| | Religious Revolution |
| | The Mauryan Empire |
| | The Sangam Age |

| | |
|---------------------------|---|
| | The Gupta Empire |
| | Post Gupta Period / Vardhana Dynasty |
| | India After Harsha |
| Medieval History of India | Rajput Age |
| | Sultanate Period |
| | The Vijayanagar Empire |
| | Sufi and Bhakti Movement |
| | The Mughal Empire |
| | Maratha State & Maratha Confederacy |
| | Advent Of Europeans |
| Modern History of India | Expansion Of British Power |
| | Economic Impact Of British Rule |
| | Socio-Religious Movements in 19th -20th Century |
| | Revolt of 1857 |
| | Moderate, Extremist Phase Of Congress |
| | The Indian National Movements |
| | The Gandhian Era |
| | First Phase Of Independence |

RRB NTPC Polity Syllabus

Below are the main topics for preparation for Polity Syllabus for RRB NTPC exam 2020

- Evolution of Indian Constitution,
- Constituent Assembly and Making of the Constitution,
- Different Sources of the Indian Constitution,
- Important Articles of the Constitution
- Important Amendments of the Constitution
- Some Special features of the Indian Constitution.
- Federal and Unitary features of the Indian Union
- The preamble
- Lapse of Paramountcy
- Integration and Merger of Indian States
- The Union and its Territories
- Reorganization of States
- Citizenship
- Fundamental Rights
- Directive Principles of State Policy
- Fundamental Duties
- The procedure of Amending the Constitution
- Executive of the Union
- The Parliament of India
- Executive of the States
- Special Position of J & K
- Panchayats
- Municipalities
- The Supreme Court
- The High Court
- Inter-State Council
- Finance Commission
- Planning Commission
- National Development Council
- National Integration Council
- Inter-State Relations
- Emergency Provisions
- Public Service Commissions
- Election
- Delimitation Commission of India
- The Official Languages
- National Symbols

RRB NTPC Geography Syllabus 2020

- The Solar System
- Continents and Oceans
- Biosphere, Lithosphere, Hydrosphere
- Latitudes and Longitudes
- Different heat zones of the earth
- Longitudes and time zones
- International Date Line
- The motion of the earth – Effect of the tilted axis on day and night

- The Atmosphere (composition and layer of the Atmosphere)
- Weather and Climate
- Atmospheric Pressure
- Internal Structure of the earth
- Rocks
- Earthquakes and Volcanoes
- Various Landforms (Mountains, Plateaus, Plains, Grasslands, Landforms created by the river system, Landforms created by a glacier, Landforms created by the action of wind, Landforms created by the actions of Groundwater)
- The Indian Subcontinent, Position, extent and physical features,
- Climatic diversity in the Indian Sub-continent
- Soil resources of the Indian sub-continent Agriculture in India, Land use pattern of India
- Water resources and their utilization in India
- Multipurpose river valley projects
- Transport in India
- India-Facts and figures (States and their capitals, Population of India and states, Wildlife sanctuaries and national parks in India Important Irrigation and power projects, Indian satellites).
- General introduction to Asia.
- Geography of the Indian subcontinent Countries with their capitals and currency
- Riverside cities
- Wonders of the world
- Countries and their main produce and industries
- Towns associated with important industries.
- Famous sites (India), Famous Sites (World),
- Changed names
- Continent earth area
- Continents highest and lowest points
- Three deepest oceans
- Highest mountain peaks (world)
- Important boundary lines
- Tribes and their homelands

RRB NTPC Economics Syllabus 2020

- Highlights of Indian Economy
- Economy and Economics
- Characteristics of the Indian Economy
- Agriculture & Land Development
- National Income
- Planning
- Unemployment
- Trade & Commerce
- New Economic Policy
- Indian Financial System
- Indian Fiscal System
- Banking in India

- Tax System
- Industry
- Foreign Trade

RRB NTPC Science Syllabus

Basic Elementary Science one of the most important subject for RRB NTPC Syllabus

2020: The Following Topics comes under Science Syllabus for RRB NTPC Exam

Physics topics for RRB NTPC Exam Syllabus

- Unit
- Motion
- Work Energy and Power
- Gravitation
- Pressure
- Floatation
- Surface Tension
- Viscosity
- Elasticity
- Simple Harmonic Motion
- Wave
- Sound Wave
- Heat
- Light
- Static Electricity
- Current Electricity
- Magnetism
- Atomic & Nuclear Physics
- Electronics
- Scientific Instruments
- Inventions
- Important Discoveries Relating to Physics
- Various Units of Measurement-Weight
- Conversion of Units from one System to another System

Chemistry topics in RRB Exam

- Substance & its nature
- Atomic Structure
- Periodic Classification of Elements
- Chemical Bonding
- Oxidation & Reduction
- Acids, Bases & Salts
- Behavior of Cases
- Electrolysis
- Carbon & its Compounds
- Fuels
- Metallurgy
- Important Facts About Some Metals

- Non-Metals
- Common Facts

Biology Topics in RRB NTPC Exam Syllabus 2020

- Introduction
- Classification of Organism
- Cytology
- Genetics
- Organic Evolution Botany: Classification of Plant Kingdom, Plant Morphology, Plant Tissue, Photo-synthesis, Plant Hormones, Plant Diseases, Ecology Pollution.
- Zoology: Classification of Animal Kingdom, Animal Tissue
- Human Blood
- The system of the Human Body
- Nutrients
- Human Diseases

