

RRB NTPC 2025 Complete Preparation Guide



*For CBT-1 & CBT-2 | With Practice Sets and Detailed
Explanations*

Publisher: **SWAN India Publication**

Copyright Page

Title: *RRB NTPC 2025 – Complete Preparation Guide*

Subtitle: *For CBT-1 & CBT-2 | With Practice Sets and Detailed Explanations*

Publisher: SWAN India Publication

First Edition: 2025

All Rights Reserved.

© 2025 **SWAN India Publication**

No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means—electronic, mechanical, photocopying, recording, or otherwise—without the prior written permission of the publisher.

All efforts have been made to ensure the accuracy of the contents in this book. However, **SWAN India Publication**, the authors, and editors shall not be responsible for any errors or omissions, or for any loss or damage arising from the use of this publication. The material has been compiled and edited purely for educational purposes to help aspirants prepare for the RRB NTPC Examination.

Disclaimer:

This book is not an official publication of the Railway Recruitment Board (RRB). It is an independent academic guide developed to assist aspirants in exam preparation. All trademarks and names belong to their respective owners.

Preface

The Railway Recruitment Board (RRB) conducts one of the most competitive and highly sought-after examinations in India — the **RRB NTPC (Non-Technical Popular Categories)** exam. With lakhs of aspirants appearing every year, success in this examination demands not only hard work but also the right strategy, structured study material, and conceptual clarity.

Keeping this in mind, **SWAN India Publication** has designed and compiled this **RRB NTPC 2025 Complete Preparation Guide** to serve as a one-stop solution for all aspirants. The book covers the entire syllabus systematically, divided into five major parts — **General Awareness, Mathematics, Reasoning, Computer Awareness, and Practice Sets** — each presented with detailed explanations, short tricks, and exam-level questions.

Every section of this book has been prepared after thorough analysis of previous years' papers and the latest exam pattern. The **General Awareness** part emphasizes conceptual understanding with updated current affairs; **Mathematics** includes short-cut methods for quick problem-solving; **Reasoning** is presented with solved examples for better clarity; and **Practice Sets (CBT-1 & CBT-2)** help students evaluate their preparation effectively.

Our aim is to make this book a complete companion for every NTPC aspirant — whether beginner or advanced — who wishes to prepare in a structured and confident manner. We believe that focused effort, disciplined practice, and the right

study material can make every aspirant's dream of joining the Indian Railways a reality.

We express our sincere gratitude to all subject experts, contributors, and reviewers whose efforts have made this book comprehensive and student-friendly. We also thank our readers for their continued trust in **SWAN India Publication**, which motivates us to keep improving the quality and relevance of our educational resources.

We sincerely hope this book helps you achieve your goal and secure success in the upcoming RRB NTPC examination.

Best wishes for your success and bright future!

— Team SWAN India Publication

Table of Content

Copyright Page	2
Preface	3
PART A — General Awareness	7
Chapter 1: Indian History (Ancient, Medieval & Modern).....	7
Chapter 2: Indian Geography	Error! Bookmark not defined.
Chapter 3: Indian Polity and Constitution	Error! Bookmark not defined.
Chapter 4: Indian Economy	Error! Bookmark not defined.
Chapter 5: General Science (Physics, Chemistry, Biology Basics) ...	Error! Bookmark not defined.
Chapter 6: Current Affairs (National + International, Last 12 Months)	Error! Bookmark not defined.
Chapter 7: Static GK (Important Days, Awards, Books & Authors, Capitals, Rivers, etc.).....	Error! Bookmark not defined.
PART B — Mathematics	Error! Bookmark not defined.
Chapter 8: Number System	Error! Bookmark not defined.
Chapter 9: Ratio and Proportion	Error! Bookmark not defined.
Chapter 10: Percentage	Error! Bookmark not defined.
Chapter 11: Profit and Loss.....	Error! Bookmark not defined.
Chapter 12: Time, Speed and Distance	Error! Bookmark not defined.
Chapter 13: Time and Work.....	Error! Bookmark not defined.
Chapter 14: Simple and Compound Interest.....	Error! Bookmark not defined.
Chapter 15: Average, Mixture and Allegation	Error! Bookmark not defined.

Chapter 16: Mensuration (2D & 3D) **Error! Bookmark not defined.**

Chapter 17: Algebra and Trigonometry Basics **Error! Bookmark not defined.**

Chapter 18: Data Interpretation (Table, Bar Graph, Pie Chart)**Error! Bookmark not defined.**

PART C — General Intelligence & Reasoning Error! Bookmark not defined.

Chapter 19: Analogy..... **Error! Bookmark not defined.**

Chapter 20: Classification (Odd One Out)..... **Error! Bookmark not defined.**

Chapter 21: Coding – Decoding **Error! Bookmark not defined.**

Chapter 22: Series (Number, Letter, Symbol) **Error! Bookmark not defined.**

Chapter 23: Blood Relation..... **Error! Bookmark not defined.**

Chapter 24: Direction & Distance **Error! Bookmark not defined.**

Chapter 25: Syllogism..... **Error! Bookmark not defined.**

Chapter 26: Venn Diagram..... **Error! Bookmark not defined.**

Chapter 27: Puzzle & Seating Arrangement..... **Error! Bookmark not defined.**

Chapter 28: Calendar & Clock **Error! Bookmark not defined.**

Chapter 29: Statement & Conclusion **Error! Bookmark not defined.**

PART D — Computer Awareness Error! Bookmark not defined.

Chapter 30: Basic Computer Fundamentals **Error! Bookmark not defined.**

Chapter 31: Input-Output Devices..... **Error! Bookmark not defined.**

Chapter 32: MS Office (Word, Excel, PowerPoint).....**Error! Bookmark not defined.**

Chapter 33: Internet & Networking **Error! Bookmark not defined.**

Chapter 34: Shortcut Keys and Important Terms **Error! Bookmark not defined.**

PART E — Practice Papers & Model Sets Error! Bookmark not defined.

10 Full-Length Practice Sets (CBT-1 Pattern)..... **Error! Bookmark not defined.**

Advanced Practice Sets (CBT-2 Pattern)..... **Error! Bookmark not defined.**

Acknowledgement Error! Bookmark not defined.

About SWAN India Publication..... 13

PART A — General Awareness

Chapter 1: Indian History (Ancient, Medieval & Modern)

Introduction:

Indian History is an important and high-scoring section of the RRB NTPC examination. It is divided into three broad periods:

1. Ancient India – From Indus Valley Civilization to the Gupta Empire.
2. Medieval India – From Delhi Sultanate to Mughal Empire.
3. Modern India – From British Rule to India's Independence.

Usually, 3 to 6 questions are asked from History in the RRB NTPC exam.

Ancient Indian History

1. Indus Valley Civilization (3300–1750 BCE)

- One of the oldest urban civilizations, located mainly in north-western India and Pakistan.
- Major sites:
 - Harappa (Punjab, Pakistan) – First discovered site.
 - Mohenjo-Daro (Sindh) – Great Bath and Granary found here.
 - Lothal (Gujarat) – Known for dockyard.
 - Kalibangan (Rajasthan) – Fire altars discovered.
- Economy was based on agriculture and trade.

- Religion included worship of Mother Goddess and Pashupati.
 - Decline was due to floods, invasions, and ecological changes.
-

2. Vedic Age (1500–600 BCE)

- Divided into:
 - Early Vedic Period (1500–1000 BCE) – Rigveda composed.
 - Later Vedic Period (1000–600 BCE) – Yajurveda, Samaveda, and Atharvaveda composed.
 - Society was patriarchal and varna system began.
 - Political life included assemblies like Sabha and Samiti.
 - Economy was shifting from pastoral to agricultural.
 - Religion: Worship of natural forces like Indra, Agni, Varuna.
-

3. Mahajanapadas and Rise of Magadha

- Around 600 BCE, sixteen major Mahajanapadas (kingdoms) existed.
 - Magadha became the most powerful under kings Bimbisara and Ajatashatru.
 - Capital was Rajgir and later Pataliputra.
-

4. Mauryan Empire (322–185 BCE)

- Founded by Chandragupta Maurya with the guidance of Chanakya (Kautilya).
-

- Successors: Bindusara and Ashoka.
 - Ashoka adopted Buddhism after the Kalinga War.
 - Ashoka spread Buddhism across Asia and issued rock and pillar edicts.
 - Decline occurred due to weak successors and foreign invasions.
-

5. Gupta Period (319–550 CE)

- Known as the "Golden Age of India".
 - Important rulers: Chandragupta I, Samudragupta, and Chandragupta II (Vikramaditya).
 - Major achievements:
 - Aryabhata wrote "Aryabhatiya" on mathematics and astronomy.
 - Kalidasa wrote "Abhijnanasakuntalam".
 - Chinese traveller Fa-Hien visited India.
 - Art, science, and literature flourished.
-

Medieval Indian History

1. Delhi Sultanate (1206–1526 CE)

Five major dynasties ruled Delhi:

1. Slave Dynasty – Qutubuddin Aibak (built Qutub Minar).
 2. Khilji Dynasty – Alauddin Khilji introduced market reforms.
 3. Tughlaq Dynasty – Mohammad bin Tughlaq shifted capital to Daulatabad.
 4. Sayyid Dynasty.
 5. Lodi Dynasty – Ibrahim Lodi defeated by Babur in 1526.
-

2. Mughal Empire (1526–1857 CE)

- Founded by Babur after the First Battle of Panipat (1526).
 - Major rulers:
 - Humayun – Lost to Sher Shah Suri, later regained the throne.
 - Akbar (1556–1605) – Expanded the empire, introduced Din-i-Ilahi, abolished Jizya tax.
 - Jahangir – Married Nur Jahan; allowed British traders.
 - Shah Jahan – Built Taj Mahal, Red Fort, and Jama Masjid.
 - Aurangzeb – Last powerful ruler; reintroduced Jizya tax.
 - Decline began after Aurangzeb due to weak successors and British influence.
-

Modern Indian History

1. Arrival of Europeans

- Portuguese were the first Europeans to reach India (Vasco da Gama in 1498 at Calicut).
 - Later came the Dutch, British, and French.
 - The British East India Company was established in 1600 AD.
-

2. British Expansion in India

- Battle of Plassey (1757) – British defeated Siraj-ud-Daulah.
 - Battle of Buxar (1764) – Strengthened British control over Bengal, Bihar, and Orissa.
 - Important Governor-Generals:
 - Warren Hastings – First Governor-General.
 - Lord Cornwallis – Introduced Permanent Settlement.
 - Lord Dalhousie – Introduced railways and telegraph, Doctrine of Lapse.
 - Lord Curzon – Partition of Bengal (1905).
-

3. Revolt of 1857

- Known as the First War of Indian Independence.
 - Main leaders: Mangal Pandey, Rani Laxmibai, Tantia Tope, Bahadur Shah Zafar.
 - Causes: Political expansion, religious interference, and military grievances.
 - Result: End of East India Company's rule; India came under the British Crown.
-

4. Indian National Movement

- Indian National Congress founded in 1885 (by A.O. Hume).
 - Partition of Bengal (1905) led to Swadeshi Movement.
 - Major movements led by Mahatma Gandhi:
 - Non-Cooperation Movement (1920)
 - Civil Disobedience Movement (1930)
 - Quit India Movement (1942)
-

- India gained Independence on 15th August 1947.
-

Important Facts for Exam:

Topic	Key Point
First Indian Emperor	Chandragupta Maurya
First Battle of Panipat	1526 (Babur vs Ibrahim Lodi)
Revolt of 1857 Leader (Delhi)	Bahadur Shah Zafar
British Viceroy at Independence	Lord Mountbatten
Father of Indian Constitution	Dr. B.R. Ambedkar
Golden Age of India	Gupta Period

Quick Revision Tips:

- Harappa – Granary; Lothal – Dockyard.
- Akbar ruled longest; Aurangzeb ruled last.
- 1857 – First Revolt; 1947 – India’s Freedom.

About SWAN India Publication

SWAN India Publication is one of India's emerging names in the field of academic and competitive exam publishing. Dedicated to quality education and learner-centric content, SWAN India aims to provide aspirants with the most authentic, updated, and easy-to-understand study materials for various government and entrance examinations.

Our team comprises **experienced educators, subject matter experts, and editors** who work tirelessly to create books that blend conceptual clarity with practical exam-oriented guidance. Each publication is meticulously designed to meet the evolving patterns of competitive exams, ensuring that students receive accurate, simplified, and effective learning support.

We take pride in publishing guides, practice sets, and solved papers for major exams like **RRB NTPC, SSC, Banking, CUET, Defence, and other government recruitment tests**. Every book by SWAN India Publication reflects a commitment to **clarity, accuracy, and success-driven preparation**.

With a vision to make education accessible to all, we continuously strive to combine innovation with affordability. Our mission is to empower students from every corner of India to achieve their dreams with confidence and excellence.

SWAN India Publication — Learning that Leads to Success.