

RRB NTPC Detailed Syllabus – Railways NTPC Exam with Weightage and Marks Distribution

Here is the detailed syllabus for Railways RRB NTPC exam. Also find the weightages of different chapters and marks distribution for the same. Read on to find which chapters are important and which are scoring. Find also the paper pattern of the examination here.

About Railways Recruitment Board (RRB)

Railway Recruitment Board (RRB) is an organization under Government of India. Its job is to hire new employees to work in Indian Railways. RRB has 21 regional branches in different parts of India. The RRBs do all required procedures for recruitment of candidates into various departments of Indian Railways.

About RRB NTPC Exam

RRB NTPC is an entrance exam for the non-technical posts with various RRBs across India. Earlier, Railways used to take separate recruitment examinations for every zone. However, this year onwards the exam has been combined for all the RRBs. It implies that exam paper will be same for all the zones. This is also the first time that this exam will be conducted online.

This offline to online shift has created even more confusion as no one is sure about weightage, marks distribution and difficulty of the paper. Without knowing the paper structure and syllabus it's hard to do well in the exam.

What to expect in Railways RRB NTPC Exam

While there is still a lot of uncertainty about the same, our content experts have put together a possible structure of the paper. This structure is made by going through numerous past papers of

various RRBs, recent trends of online exams, and other factors. Though we can't claim to be 100% sure, we have included a good variations in our [test papers](#) so as to prepare you for all possible scenarios for the final exam. Before appearing for the exam, it is very important that you be well aware of the following things:

1. Pattern of the exam
2. Specifics of the exam and marking scheme
3. Syllabus of the exam
4. Topics included in various sections
5. Difficulty and weightage of each topic and question types included in a topic
6. Approach to follow to ace the exam

Remember

Let us make one thing very clear about the sectional weightage of the paper. At no place in the RRB official notification is the number of questions in each section defined. Neither has it ever in the past followed that process. Instead, it has always taken liberties, varying the number of questions in each section. Hence, we have also taken that approach of varying question count in sections in each paper so as to give you the best possible experience.

Paper Pattern of Railways RRB NTPC Exam

The paper will include the following subjects

- General Awareness
- Arithmetic
- General Intelligence & Reasoning
- English (very rare)

There will be a total of 100 objective questions, which need to be solved in 90 minutes.

There will be negative marking for wrong answers. For each wrong answer, 1/3rd of the marks allotted to that question will be deducted. There is no negative marking for un-attempted question.

Detailed Syllabus of Railways RRB NTPC Examination

Quantitative Aptitude			
Nature of questions	Chapters	Weightage (# Question)	Comments
1. Scoring 2. Easy to Solve 3. Less time consuming 4. More accuracy possible	Simplification	4-5	Questions on BODMAS Rule, Fractions, Approximate Value, Surds and Indices etc. ()
	Interest	1-2	Problems on Simple, Compound Interests and Installments
	Percentage	2-3	Calculation oriented basic Percentage Problems
	Ratio and Proportion	1-2	Problems on Simple, Compound Ratios and Direct/Indirect Proportions
	Average	2-3	Problems on Average Weight/Height/Marks etc.
	Problems on Ages	1-2	Basic Problems on Ages
1. Scoring 2. Easy if proper steps are followed	Speed, Time and Distance	1-2	Problems on Average/Relative speeds, Boats, Trains etc.
	Algebra	1-2	Basic Linear Equations in one or two variables

carefully 3. More time consuming	Profit and Loss	2-3	Problems on Profit/Loss, Dishonest/Successive dealings, Partnerships etc.
	Number Series	2-3	Moderate to difficult problems on Completing the series, Finding Missing/Wrong Term
	Mensuration	1-2	Problems on Plane Figures such as Square, Rectangle, Circles etc.
1. Tricky 2. Might take more time than usual 3. Less chances of solving correctly	Time and Work	1-2	Problems on Work efficiency, Wages and Pipes etc.
	Mixture problems	1-2	To Make A Mixture From Two Or More Entities/Mixtures

General Intelligence & Reasoning			
Nature of Questions	Chapters	Weightage (# of Questions)	Comments
1. Scoring 2. Easy to Solve	Classification	0-2	Number, Letter and Meaningful Words based questions. GK based questions can also be asked.
	Analogy	0-2	Number, General Knowledge, Meaning and Letter based questions.
3. Less Time	Series	1-3	Mainly questions on Number & Alphabet series.

Consuming 4. High Accuracy possible	Coding Decoding	0-2	Questions on Coding and decoding by letter shifting, and Coding Letters of a Word. Could also include Coding by Analogy, Coding decoding based on numbers, Operations on place value and Coding and decoding in fictitious language.
	Blood Relations	0-2	Mostly Family Tree problems. General Blood Relation Problems also possible.
	Clock and Calendar	0-2	Mostly based on Calendar.
	Ordering & Ranking	0-2	May be asked.
	Directions & Distances	0-2	Simple problems that can be solved by just drawing all information on paper. May be asked
	Arranging words in Meaningful order	0-2	It can be meaningful order of doing a certain task, or following a certain rule.
	Word formation	0-2	From the given word find whether the given option words can be formed or not.
	Missing Number	0-2	Find the missing number from the given matrix or diagram.
	Venn diagram	0-2	Problems based on Venn Diagram
	Puzzle	0-2	Number based puzzles like $7 \times 5 \times 6 \times 5 = 6575$, then $8 \times 7 \times 4 \times 6 = ?$ or

			Count number of trees in row type questions or Find the correct equation type questions.
	Non Verbal Reasoning	0-3	Questions like complete the pattern, Figure based Analogy/Classification/Series or cube based questions may be asked.

General Awareness			
Nature of questions	Chapters	Weightage (# Question)	Topics and expected no. of Questions
<p>1. Considered scoring as questions, are static and can be remembered easily.</p> <p>2. Either you know the answer or you don't. Hence, very less time is consumed.</p> <p>3. Accuracy is generally high as there is less chance of confusion between options.</p>	General Science	18-20	<ul style="list-style-type: none"> · Environment (1-2) · Living Organisms(0-1) · Life Processes in Organisms & Plants(0-1) · Heredity & Evolution(1-2) · Natural Resources(0-1)

			<ul style="list-style-type: none">· Atoms And Molecules(1-2)· Chemical Reactions And Equations(1-2)· Acids, Bases And Salts(1-2)· Metals And Non-Metals(1-2)· Periodic Table(2-3)· Force And Laws Of Motion(0-1)· Work And Energy(0-1)· Sound(0-1)· Light(0-1)· Electricity(0-1)· Sources Of Energy(1-2)· Diseases, Reasons And Cures(1-2)· Improvement In Food Resources(1-2)
--	--	--	--

<ol style="list-style-type: none"> 1. Questions are considered tricky as the area is very vast. 2. You tend to spend more time on these question as you have read about it somewhere but can't remember the exact answer. 3. Accuracy is lower as options are confusing. 	<p>Current Affairs/General Awareness</p>	<p>30-40</p>	<ul style="list-style-type: none"> · Economics(4-5) · Current Affairs(3-4) · Geography((3-4) · History(3-4) · Polity(4-5) · Computer(1-2) · Sports(3-5) · Literature(1-3) · Awards(2-3) · Books and Authors(2-3) · Miscellaneous(4-6)
---	--	--------------	--

English

These rarely appear in the exam and a detailed syllabus for English is not possible. However, in the past, these types of questions have made an appearance.

1. Fill in the Blanks (Grammar)
2. Fill in the Blanks (Vocabulary)
3. One Word Substitution
4. Synonyms and Antonyms
5. Spellings