

RRB NTPC 2019 Detailed Syllabus

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Quantitative Aptitude

| Nature of questions | Chapters | Weightage | 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 | Speed, Time and Distance | 1-2 | Problems on Average/Relative speeds, Boats, Trains etc. |

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|--|--------------------------|-----|---|
| 1. Scoring 2. Easy if proper steps are followed carefully 3. More time consuming | 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 |
| | 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 |
| 1. Tricky 2. Might take more time than usual 3. Fewer chances of solving correctly | Mensuration | 1-2 | Problems on Plane Figures such as Square, Rectangle, Circles etc. |
| | 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 | Comments |
| 1. Scoring 2. Easy to Solve 3. Less Time Consuming 4. High Accuracy possible | 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. |
| | Series | 1-3 | Mainly questions on Number & Alphabet series. |
| | 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 are also possible. |
| | Clock and Calendar | 0-2 | Mostly based on Calendar. |
| | Ordering & Ranking | 0-2 | May be asked. |

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|-------------------------------------|-----|---|
| Ranking | | |
| Directions & Distances | 0-2 | Simple problems that can be solved by just drawing all the information on paper. May be asked |
| Arranging words in Meaningful order | 0-2 | It can be a 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 Science (18-20) | | |
|---|--|---|
| Environment (1-2) | Living Organisms(0-1) | Life Processes in Organisms & Plants(0-1) |
| Heredity & Evolution(1-2) | Natural Resources(0-1) | 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) |
| Current Affairs/General Awareness (30-40) | | |
| Economics(4-5) | Current Affairs(3-4) | Geography((3-4) |
| History(3-4) & Polity(4-5) | Miscellaneous(4-6) | Computer(1-2) |
| Sports(3-5) | Literature(1-3) & Books and Authors(2-3) | Awards(2-3) |

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