

# RPF Constable Syllabus

## RPF Constable Arithmetic Syllabus

Topics	Sub-Topics
Number Systems	Integers, Fractions, Decimals, and Simplification
Data Interpretation	Tables, Bar Graphs, Line Graphs, Pie Charts
Ratio and Proportion	Simple Ratios, Compound Ratios, and Proportions
Mensuration	Area and Perimeter of Plane Figures (Square, Rectangle, Circle, Triangle), Volume and Surface Area of 3D Figures (Cube, Cylinder, Cone, Sphere)
Speed, Time & Distance	Relative Speed, Average Speed, Problems on Trains and Boats
Time and Work	Work Efficiency, Work and Wages, Pipes and Cisterns
Algebra	Basic Algebraic Expressions, Simple Linear Equations
Simple Interest and Compound Interest	Basic Formulas and Concepts, Time, Rate, and Principal-related problems

Averages	Calculation of Simple and Weighted Averages, Problems based on Average
Percentages	Calculation of Percentage, Increase/Decrease in Percentage, Applications of Percentage in various contexts
Relationships between Numbers	Whole Numbers, Decimals, and Fractions
Profit and Loss	Cost Price, Selling Price, Profit and Loss Calculations, Discount and Market Price

### **RPF Constable General Awareness Syllabus**

Topics	Sub-Topics
Current Affairs	National and International Events, Sports News, Awards and Honors, Appointments, Obituaries, Important Dates and Days
General Knowledge	Geography, History, Indian Polity, Economics, Static GK (Important Places, Monuments, National Parks, etc.)
Indian Railways	History of Indian Railways, Significant Achievements, Current Developments in Railways

Science & Technology	Physics, Chemistry, Biology, Inventions and Discoveries, Space and Astronomy, Environmental Science
Indian Constitution	Preamble, Fundamental Rights and Duties, Directive Principles of State Policy, Amendments
Economic and Social Development	Poverty and Unemployment, Economic Reforms, Social Issues
Books and Authors	Famous Books and their Authors
Art and Culture	Indian Art and Architecture, Dance Forms, Music Forms, Festivals
Sports	National and International Sports Events, Famous Personalities in Sports
Miscellaneous	Abbreviations, Important Government and Public Sector Organizations, International Organizations and their Headquarters, Important Days and Themes

### **RPF Constable General Intelligence and Reasoning Syllabus**

<b>Topics</b>	<b>Sub-Topics</b>
Analogies	Semantic Analysis, Symbolic/Number Analysis, Figural Analysis

Classification	Semantic Classification, Symbolic/Number Classification, Figural Classification
Series	Semantic Series, Number Series, Figural Series
Coding-Decoding	Coding and Decoding by Letter Shifting, Coding and Decoding in Fictitious Language, Coding and Decoding in Numbers/Symbols
Puzzles & Seating Arrangement	Basic problems on puzzles and seating arrangement
Blood Relations	Basic topics related to the subject
Directions and Distances	Problems on direction of motion
Ranking and Order	Order and ranking problems based on a particular sequence.
Venn Diagrams	Simple and Compound Venn Diagrams
Syllogism	Basic topics related to the subject
Mathematical Operations	Arithmetic Operations, Logical Operations

Number and Alphabetical Series	Logical Arrangement of Alphabets, Alphanumeric Series
Data Sufficiency	Analyzing whether given information is sufficient to answer the question
Decision Making	Analytical Decision Making
Statements and Conclusions	Deriving Conclusions from given Statements, Statements and Inferences
Critical Reasoning	Identifying Strong and Weak Arguments, Courses of Action
Mirror and Water Images	Identifying the Image from the Given Options
Embedded Figures	Identifying the Embedded Figures
Paper Cutting and Folding	Paper cutting and folding problems for a figure or shape.

## **RPF Constable Physical Measurement Test**

<b>Category</b>	<b>Height (cm) (Male)</b>	<b>Height (cm) (Female)</b>	<b>Chest Measurement (cm) (For Males Only)</b>
UR/OBC	165	157	Unexpanded: 80, Expanded: 85
SC/ST	160	152	Unexpanded: 76.2, Expanded: 81.2
Govt specified Garhwalis, Gorkhas, Marathas, Dogras, Kumaunese, and other categories.	163	155	Unexpanded: 80, Expanded: 85

