

## BSF Head Constable RO, RM Syllabus 2023

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### SELECTION PROCESS:

- Written Examination
- PST, PET & Documentation Dictation Test and Paragraph Reading Test (RO candidates only)
- Medical Examination

### BSF RO, RM Syllabus General Knowledge

- Capitals
- Dance
- Currencies
- Bird
- Animal
- Mountains
- Ports
- Winners
- Awards
- Authors
- Flower
- Defence
- Culture
- Religion
- Languages
- Terms

- Common Names
- Full forms
- Soil
- Rivers
- Dance
- Culture
- Abbreviations
- Discoveries
- Current Affairs
- History
- Anthem
- Important National Facts
- Heritage and Arts
- Song
- Religion
- Flag
- Monuments
- Personalities
- Heritage and Arts
- Diseases and Nutrition
- Wars and
- Neighbours
- Inland Harbours
- Number of Players
- Freedom Movement
- Championships
- Geo-political Current affairs
- Current affairs related to Defense
- National Independence movement

### **BSF RO, RM Mathematics Syllabus**

- Differentiation
- Matrices
- Determinants
- Definite Integrals
- Exponential and Logarithmic Series
- Sets and Set Theory
- Probability Function
- Circles
- Relations and Functions
- Logarithms
- Sequences and Series
- Trigonometry
- Statistics
- Complex Numbers
- Quadratic Equations
- Conic Sections

- Permutations and Combinations
- Vectors
- Limits and Continuity
- Introduction to Three-Dimensional Geometry
- Straight Lines
- Applications of Derivatives
- Indefinite Integrals Binomial Theorem
- Cartesian System of Rectangular Coordinates

### **BSF RO, RM Syllabus Chemistry**

- Molecular Structure
- Chemical Bonding
- General Chemistry
- Structure of Atom
- Electrochemistry
- Periodicity
- Solid State
- Solutions
- Redox Reactions
- Chemical Kinetics
- States of Matter
- Equilibrium
- Surface Chemistry
- Thermodynamics
- Haloarenes
- Ethers
- Carboxylic Acids
- Biomolecules
- Hydrocarbons
- Alcohols
- Haloalkanes
- Aldehydes
- Phenols
- Ketones
- Environmental Chemistry
- Amines
- Chemistry in Everyday Life
- Classification of Elements
- General Organic Chemistry
- Processes of Isolation of Elements
- Coordination Compounds
- P, D, F Block Elements
- Hydrogen
- D Block Elements
- Alkali and Alkaline earth metals (S Block)

### **BSF RO, RM Syllabus English**

- Transformation
- Passage Completion
- Spotting Errors
- Substitutes
- Para Completion
- Active and Passive Voice
- Prepositions
- Antonyms
- Fill in the blanks.
- Completion
- Spelling Test
- Joining Sentences
- Idioms and Phrases
- Sentence Improvement
- Synonyms
- Sentence Arrangement
- Substitution
- Sentence
- Error Correction (Underlined Part)
- Error Correction (Phrase in Bold)

### **BSF RO, RM Syllabus Physics**

- Electronics
- Molecular Physics
- Condensed Matter Physics
- Thermodynamics
- Statistical Mechanics
- Nuclear and Particle Physics
- Relativity
- Atomic
- Mathematical Methods
- Classical Mechanics
- Experimental Physics
- Quantum Theory and its Applications
- Electromagnetic Theory

### **BSF Head Constable RO, RM Exam Pattern**

Written Test: The written test will be an OMR-based screening test of 100 multiple-choice questions (MCQs) carrying one mark each. The duration of the test will be 2 hours. The subjects covered in the written test are Physics, Mathematics, General Awareness, English, and Reasoning.

- Total Question: 100
- Total Marks: 200
- Total Time: 02 Hours
- Correct Answer: 02 Marks

- Negative Marking: Yes(1/4 Marks)
- Paper Language: Hindi/ English
- Qualifying Marks General/OBC/EWS: 38 %
- Qualifying Marks SC/ST: 33%

Subject	Que/ Marks
Physics	40/80
Chemistry	20/40
Math	20/40
English and GK	20/40
<b>Total</b>	<b>100/200</b>

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