

## Exam Pattern For BSF Constable 2018

S.No	Exam Type	Subjects Names	Time Duration
1.	Objective Type Multiple Choice Questions	General Awareness / General Knowledge	2 Hours
2.		Knowledge of Elementary Mathematics	
3.		Analytical Aptitude & ability to observe the distinguish pattern	
4.		Basic knowledge of English & Hindi	
5.		Department Related Syllabus	

## BSF Constable Syllabus 2018

### General Awareness

- Committees & Commissions
- Abbreviations
- Current Affairs – National & International
- Burning Issues and Disputes
- Sports
- Famous Personalities
- Books & Authors
- Appointments
- Important Places
- Miscellaneous etc

### Elementary Mathematics

- Number Systems
- Time and Distance
- Discount
- Time and Work
- Averages
- Interest
- Decimals and Fractions
- Ratio and Time
- Profit and Loss
- Percentages
- Computation of Whole Numbers
- Fundamental arithmetical operations
- The relationship between Numbers
- Ratio and Proportion
- Use of Tables and Graphs
- Menstruation

## **Analytical Aptitude**

- Partnership
- Number System
- Mensuration
- Decimals & Fraction
- Profit and Loss
- Percentage
- GCF & LCM
- Average
- Use of Tables and Graphs
- Discount
- Simplification
- Ratio and Proportion
- Square roots
- Time and Work
- Simple & Compound Interest
- Time and Distance etc

## **Hindi & English**

- Antonyms
- Sentence structure
- Detecting Mis-spelt words
- Spot the error
- Grammar
- Synonyms
- Vocabulary
- Spellings
- Fill in the blanks
- Idioms and phrases
- One word substitutions
- Cloze passage
- Shuffling of sentence parts
- Shuffling of Sentences in a passage
- Comprehension passage etc

## **Electrical Syllabus**

- Introduction to A.C. Machines.
- Regulated Power Supply.
- A.C. Motors.
- Basic Feature of A.C. Machines.
- Speed Control of Motors.
- Converters.
- Alternators.
- Inverters.
- HVDC/HVAC System.
- Network theory
- Digital Electronics

- Circuit Theory
- Electrical Engineering Materials
- Electrical Basics
- Electrical Measurements & Measuring
- Instruments
- Microprocessor
- Control System
- Analog Circuits/ Electronics
- DC Machine, AC Machine & Transformer
- Power Electronics & Drives
- Generation, Transmission & distribution of Electrical Power

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