

# BEL Deputy Engineer Syllabus 2019 || Download BEL Deputy Engineer Exam Pattern @ bel-india.in

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## BEL Deputy Engineer Exam Pattern

S.No	Exam Type	Name of the Subject
1	Objective type	Basic Engineering subjects (Electronics/Mechanical)
2		General Aptitude

### BEL Deputy Engineer Syllabus 2019 For (Electronics/Mechanical)

#### General Aptitude

- Races and Games
- Mixtures and Allegations
- Boats and Streams
- Simple Equations
- Quadratic Equations
- Indices and Surds
- Mensuration
- Percentages
- Permutations and Combinations
- Simplification and Approximation
- Areas
- Time and Distance
- Problems on Trains
- Odd Man Out
- Numbers and Ages
- Pipes and Cisterns
- Time and Work Partnership
- Ratio and Proportion
- Simple Interest
- Probability
- Averages
- Problems on L.C.M and H.C.F
- Problems on Numbers
- Compound Interest
- Volumes Profit and Loss

## **Electronics**

- Electronics Devices
- Electrical Instrumentation
- Network Analysis
- Switch Gear and Protection etc
- Utilization of Electrical Energy
- Power System Protection
- Power System Analysis & Control
- Analog and Digital Electronics
- Power Electronics & Drives
- Power Systems
- Electrical Machines
- Electromagnetic Theory
- Control Systems

## **Mechanical**

- Industrial Engineering etc
- Machine Design
- Refrigeration & Air Conditioning
- Thermodynamics
- Theory Of Machines
- The strength of Materials
- Engineering Materials
- Fluid Machinery & Steam Generators
- Fluid Mechanics
- Heat Transfer