

### Civil Engineering

The questions will be based on Mechanics, Structural Analysis, Concrete Structures, Steel Structures, Soil Mechanics, Fluid Mechanics and Hydraulics, Hydrology, Bridge Construction, Water requirements, Highway Planning, Traffic Engineering, Importance of surveying, principles and classifications, mapping concepts, coordinate system, map projections, measurements of distance and directions, leveling, theodolite traversing, plane table surveying, errors and adjustments, curves, Environmental Engineering, Estimating, Costing and Valuation & Building Materials.

### Mechanical Engineering :

The questions include the topics like Engineering Mechanics, Strength of Materials, Theory of Machines, Design for static and dynamic loading, Fluid Mechanics, Heat Transfer, Thermodynamics, Power Engineering, Steam Tables, Rankine, Brayton cycles with regeneration and reheat, I.C. Engines: air-standard Otto, Diesel cycles, Metal Casting, Machining and Machine Tool Operations, Metrology and Inspection. Questions will be ask from basics of these Subjects & beam types.

### Electrical Engineering :

This part includes the topics such as Basics of Circuits and Measurement Systems, Electric Circuits and Fields, Signals and Systems, Electrical Machines, Power Systems, Control Systems, Electrical and Electronic Measurements, Analog and Digital Electronics, Power Electronics and Drives. In Electrical Engineering Key Subject for RRB exam is Electrical Machines, Basics of circuit & Power Electronics.