

## **PART - I**

***(Common to all Branches)***

General Science, General Knowledge, Current Affair, General Inelegancy, Test of Reasoning, Numerical Ability, English

## **PART - II**

***(ELECTRICAL, ELECTRONICS, MECHANICAL)***

### **Basic Electrical Engineering:**

Material Science, Circuit Thr., Protective Device, Earthling, Lightening Arrestor, Battery, Basic Electrical Machines, Basic Electronics, Basic Instrumentation.

### **Basic Mechanical Engineering:**

Workshop Technology, Manufacturing Process, I/C Engine, Basic Engineering Mechanics

## **PART - III**

***(Departmental Papers)***

### **Electrical Engineering:**

Electrical Machines, Power System, Measuring Instruments, Digital Circuit, Basic Communication Engineering,

### **Telecommunication Engineering:**

Digital Circuit, Communication Engineering, Measuring Instruments, Electrical Machines,

### **Mechanical Engineering:**

Strength of Materials, Engineering Mechanics, Fluid Mechanics & Machines, Heat Power

### **Civil Engineering:**

Strength of Materials, Structures, Construction Materials & practice, Surveying, Sanitary Engineering, Fluid Mechanics & Machines, Irrigation & Hydrology, Roads & Highways, Soil Mechanics & Foundation