

## **PAPER - 406**

### **PRACTICALS**

#### **Group – I**

1.  $e/m$  by Magnetron Valve.
2.  $e$  by Millikan's method.
3. Temperature Co-efficient of Platinum resistance Thermometer by Carry Foster or C.G. Bridge.
4. Study of Hall Effect.
5. Resistivity of a semiconductor by Four probe method.
6. Study of hysteresis of Anchor ring / transformer using C.R.O.
7. E.B.Plate (Determination of unknown wavelength and air gap).
8. F.P. Interferometer.

#### **Group – II**

1. Transistorized R.C. Phase shift Oscillator.
2. UJT as a Relaxation Oscillator.
3. Astable Multivibrator.
4. Study of Power Amplifier.
5. FET amplifier.
6. Inverting OP-AMP.
7. Differential Amplifier.
8. Regulated Power Supply(78xx & 79xx).