

Department of physics

B Sc Part 1

1. Bending of a beam and determination of Young's modulus.
2. Modulus of rigidity by dynamical method.
3. Elastic constant by Searle's method..
5. Determination of dispersive power of material of a prism using spectrometer.
6. Measurement of wavelength of monochromatic source of light by Newton's rings.

B Sc Part 2

1. Self inductance of a coil by Anderson's bridge
2. Capacitance using De Sauty-Bridge
3. Characteristics of given transistor PNP/ NPN(CE configurations)
4. Characteristics of given transistor PNP/ NPN (CB configurations)
5. Characteristics of given transistor PNP/ NPN (CC configurations)

B Sc Part 3

1. Determination of Stefan's constant
2. Voltage Multiplier
3. RC Transmission Line
4. Recovery Time of a diode
5. Operational Amplifier

