



Federal Board HSSC Examination
Physics Practical Model Question Paper

Time: 3 hours

Marks: 30

Note: Perform TWO experiments, as allotted by the examiner, one from each section. Plot a graph where necessary.

SECTION – A

- Q.1 Verify that the time period of the simple pendulum is directly proportional to square root of its length. (10)
- Q.2 Determine the focal length of a convex lens by displacement method. (10)
- Q.3. To measure the mechanical equivalent of heat by electrical method. (10)

SECTION – B

- Q.4 Find the resistance of Galvanometer by half deflection method. (10)
- Q.5 Study the variation of magnetic field along the axis of a circular coil. (10)
- Q.6 Characteristics of a N.P.N transistor. (10)
- Viva Voce (5)
- Note Book (5)
-