



Federal Board HSSC Examination Physics Practical Model Question Paper (2006 KPK)

Time: 3 hours

Marks: 30

Note: Experiments are to be performed as per choice of the candidates.

SECTION – A

Note: Perform any one experiment from the following. Plot a graph where necessary.

- Q.1 Verify that the time period of the simple pendulum is directly proportional to square root of its length and hence find the value of 'g' from graph. (10)
- Q.2 Determine the moment of inertia of a fly wheel. (10)
- Q.3 To measure the mechanical equivalent of heat by electrical method. (10)

SECTION – B

Note: Perform any one experiment from the following. Plot a graph where necessary.

- Q.4 Determine the time constant by charging and discharging of a capacitor through a resistor. (10)
- Q.5 Analyse the variation of resistance of thermistor with temperature. (10)
- Q.6 Determine the emf and internal resistance of a cell by plotting V against I graph. (10)
- Viva Voce (5)
- Note Book (5)
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