UNIT TEST (4)

SUB: PHYSICAL SCIENCE   **MARKS:20**

CLASS: 10 TH

I.Choose the best answer   3×1=3

 1. ------ is used to current and direction

a) A diode b) Ammeter c) Galvanometer d) Voltmeter

2.1 horse power is equal to --------.

a) 706 watt b) 740 watt c) 746 watt d) 846 watt

3.Calculate   the current and the resistance of a 100W electric bulb in an electric circuit.

a) 0.5A b) 6A c) 5A   d)0.05A

II.Answer the following   any   3   3×2=6

4.State ohm's law.

5.Define electric potential and potential difference

6.Distinguish between the resistivity and conductivity of conductor.

7.What is mean by electric circuits?

8.How does a fuse wire protect electrical appliances?

III.Answer the following   any one   1×4=4

9.a) Which instrument is used to measure the electric current ? How should it be connected in a circuit ?

b) State joule's law of heating

10.a) What is the role of the Earth wire in domestic circuits?

b) What connection is used in domestic appliances and why?

IV.Answer in detail   any one   1×7=7

11. a)What are the advantages of LED TV over the normal TV?

b)LED stands for--------.c) Kilowatt hour is the unit of -------.

                 (OR)

12 .a) List the merits of LED bulb   b) The ratio of the potential difference to the current is known as --------.

✎ ✎ ALL THE BEST ✏ ✏ ✏ ✏