



Weekly Test Paper				Chapter: Electricity	
Student Name				Grade	X
Date				Subject	PHYSICS
Roll No.		Time	1hr	Total Marks	10

Q -1 Multiple Choice Question

[04]

1. What is the rate of flow of electric charges called?
(a) Electric potential
(b) electric conductance
(c) Electric current
(d) none of these
2. Which of the following is the SI Unit of Electric Current?
(a) ohm
(b) ampere
(c) volt
(d) faraday
3. Which instrument is used for measuring electric potential?
(a) Ammeter
(b) galvanometer
(c) voltmeter
(d) potentiometer
4. When one unit electric charge moves from one point to another point in an electric circuit, then the amount of work done in joules is known as?
(a) Electric current
(b) electric resistance
(c) electric conductance
(d) potential difference

Q -2 Write following question answers (two marks each)(Any Three)

[06]

- 1) What does an electric circuit mean?
- 2) Define the unit of current.
- 3) What is meant by saying that the potential difference between two points is 1 V?
- 4) (a) Which among iron and mercury is a better conductor?
(b) Which material is the best conductor?
- 5) Draw a schemata: diagram of a circuit consisting of a battery of three cells of 2 V each, a 5 Ω LI resistor, 8 Ω resistor, and a 12 Ω resistor, and a plug key, all connected in series.