

## Class 10 Chapter 12 Electricity MCQs

**1. Which of the following is the good conductor of electricity?**

- (a) Paper
- (b) Iron
- (c) Glass
- (d) Ebonite

**2. The SI unit of electric current is**

- (a) Volt
- (b) Faraday
- (c) Ampere
- (d) Ohms

**3. Electrical resistivity of a metallic wire depends upon its**

- (a) Length
- (b) Material
- (c) Thickness
- (d) Shape

**4. Electric current is measured using**

- (a) Galvanometer
- (b) Ammeter
- (c) Voltmeter
- (d) Potentiometer

**5. Unit of electric power may also be expressed as**

- (a) Watt second
- (b) Ampere hour
- (c) Volt second
- (d) Kilowatt hour

**6. Materials which do not allow electricity to pass through are known as**

- (a) Semiconductor
- (b) Conductor
- (c) Insulator
- (d) Semi-insulator

**7. Tungsten is used in which of the following?**

- (a) Metal extraction
- (b) Electric bulb
- (c) Insulators
- (d) Textile manufacturing

**8. Electric potential is a**

- (a) Vector quantity
- (b) Scalar quantity
- (c) Dimensionless quantity
- (d) None of the option

**9. Copper is used in electric transmission lines because**

- (a) High resistivity
- (b) Low resistivity
- (c) No resistivity
- (d) None of the option

**10. The SI unit of resistance is**

- (a) Volt
- (b) Faraday
- (c) Ampere
- (d) Ohm

\*\*\*\*\* Answer Key \*\*\*\*\*

1(b)

2(c)

3(b)

4(b)

5(d)

6(c)

7(b)

8(b)

9(b)

10(d)

