

Duration: 30 Mins**Total Marks: 8****Q.ID: ITISKILL2851ZQ**

1. How many electrons are contained in coulomb of electric charge?

- A) 6.25×10^{12} electrons B) 6.25×10^{16} electrons
C) 6.25×10^{18} electrons D) 6.25×10^8 electrons

Answer: C) 6.25×10^{18} electrons

2. Which metal has very good conductivity to the electric current?

- A) Gold B) Silver
C) Aluminium D) Copper

Answer: B) Silver

3. Which electrical parameter opposes the flow of electrons?

- A) Resistance B) Power
C) Voltage D) Current

Answer: A) Resistance

4. Which material contains eight electrons in valency layer?

- A) Semiconductors B) Insulators
C) Conductors D) Intrinsic semiconductors

Answer: B) Insulators

5. How the single strand wire is called?

- A) Twisted wire B) Flexible wire
C) Hook up wire D) Multi strand wire

Answer: C) Hook up wire

6. What is the percentage of conductivity of electric current in aluminium?

- A) 0.56 B) 0.76
C) 0.47 D) 0.22

Answer: A) 0.56

7. What is stationary electric charges?

- A) Static charges B) Electrical charges
C) Chemical charges D) Kinetic charges

Answer: A) Static charges

8. Which cores are used in intermediate frequency transformers?

- A) Steel B) Nickel
C) Cobalt D) Ferrite

Answer: D) Ferrite