

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

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

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

**Answer: B) 0.56**

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

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

**Answer: A)  $6.25 \times 10^{18}$  electrons**

3. Which material contains eight electrons in valency layer?

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

**Answer: B) Insulators**

4. Which cores are used in intermediate frequency transformers?

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

**Answer: C) Ferrite**

5. How the single strand wire is called?

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

**Answer: C) Hook up wire**

6. What is stationary electric charges?

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

**Answer: D) Static charges**

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

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

**Answer: A) Silver**

8. Which electrical parameter opposes the flow of electrons?

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

**Answer: D) Resistance**