

## Current Electricity Objective Questions with Answers Pdf

1. Which is the best conductor of electricity?

- a. iron
- b. silver
- c. copper
- d. carbon

Ans: B

2. For which of the follow 'ampere second' could be the unit?

- a. reluctance
- b. charge
- c. power
- d. energy

Ans: B

3. Which one of the following does not have negative temperature co-efficient?

- a. aluminium
- b. paper
- c. rubber
- d. mica

Ans: A

4. Insulating materials have the function of

- a. preventing a short circuit between conducting wires
- b. preventing an open circuit between the voltage source and the load
- c. conducting very large currents
- d. storing very high currents

Ans: A

5. In a series circuit with unequal resistances

- a. the highest resistance has the most of the current through it
- b. the lowest resistance has the highest voltage drop
- c. the lowest resistance has the highest current
- d. the highest resistance has the highest voltage drop

Ans: D

6. The filament of an electric bulb is made of

- a. carbon

- b. aluminium
- c. tungsten
- d. nickel

Ans: C

7. Heat in a conductor is produced on the passage of electric current due to

- a. reactance
- b. capacitance
- c. impedance
- d. resistance

Ans: D

8. The insulation on a current carrying conductor is provided

- a. to prevent leakage of current
- b. to prevent shock
- c. both of above factors
- d. none of above factors

Ans: C

9. Which of the following quantities remain the same in all parts of a series circuit?

- a. voltage
- b. current
- c. power
- d. resistance

Ans: B

10. When one leg of parallel circuit is opened out the total current will

- a. reduce
- b. increase
- c. decrease
- d. becomes zero

Ans: C