

6. In an electrolytic cell current flows ?

- A. From cathode to anode in outer circuit B. From anode to cathode outside the cell
- C. From cathode to anode inside the cell D. both b & c

Answer: Option B

7. Which of the following is true in the case of Zn-Cu cell?

- A. The flow of electrons takes place from copper to zinc B. E₀red of copper electrode is less than that of zinc electrode
- C. Zinc acts as an anode and copper as cathode D. All are correct

Answer: Option C

8. In a galvanic cell

- A. Chemical energy is converted into electricity B. Chemical energy is converted into heat
- C. Electrical energy is converted into chemical energy D. Electrical energy is converted into heat

Answer: Option A

9. The degree of dissociation of weak electrolyte increases as

- A. Pressure increases B. Dilution decreases
- C. Dilution increases D. None

Answer: Option C

10. Molten NaCl conducts electricity due to the presence of

- A. Free electrons B. Free molecules
- C. Free ions D. Atoms of Na and Cl

Answer: Option c

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