

Chemistry



9th Class

Sindh Board Notes

Chapter # 8

Electrochemistry

→ Solved MCQs

پنجاب، سندھ، بلوچستان، خیبر پختونخواہ، بورڈز کے تمام نوٹس سابقہ پیپرز، اس ویب سائٹ سے فری ڈاؤن لوڈ کریں۔

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➔ ELECTROCHEMISTRY

- The branch of chemistry that deals with the study of relationship between electrical and chemical energy is called:**
 - Thermo chemistry
 - Physical chemistry
 - ✓ Electrochemistry
 - Analytical chemistry
- The substance used for electrolysis is called:**
 - ✓ Electrolyte
 - Non- electrolyte
 - Electrolytic solution
 - None of these
- Sodium chloride melts at**
 - 75 0°C
 - 700°C
 - 850°C
 - ✓ 800°C
- Electrodes are made of**
 - ✓ metals
 - non metals
 - metalloids
 - alloys
- The quantity of charge which deposits or liberates exactly one gram equivalent of a substance is**
 - Ampere
 - Coulomb
 - ✓ Faraday
 - Electro chemical equivalent
- The process of coating one metal onto another is called**
 - Electro chemical process
 - ✓ electroplating
 - rusting
 - none of these
- One Faraday is equivalent to**
 - 96000 Coulombs
 - ✓ 96500 Coulombs
 - 95600 Coulombs
 - 96550 Coulombs
- Which one of these is not electrolyte?**
 - Acidulated water
 - Sodium chloride solution
 - ✓ Sugar
 - Sodium hydroxide solution

9. The unit of electro chemical equivalent is
- a. Ampere
b. Coulomb
c. G/coulomb
d. Kg/coulomb
10. In dry cell electrolyte is the moist paste of
- a. $\text{NH}_4\text{Cl} + \text{MnO}_2$
b. $\text{MnO}_2 + \text{ZnCl}_2$
c. $\text{NH}_4\text{Cl} + \text{ZnCl}_2$
d. $\text{NH}_4\text{Cl} + \text{ZnSO}_4$
11. A weak electrolyte is:
- a. Sulphuric
b. Nitric acid
c. A caustic alkali
d. Citric acid
12. The electrolysis of fused sodium chloride is carried out in:
- a. Galvanic cell
b. Voltaic cell
c. Down's cell
d. Dry cell
13. The electrodes used in the electrolytic cell to carry out electrolysis of water are made of:
- a. Platinum
b. Carbon
c. Graphite
d. Copper
14. During electrolysis of which hydrogen is released at the cathode and oxygen is released at the anode?
- a. Water
b. NaCl
c. HgO
d. H_2O_2
15. One Faraday has
- a. 96,500 C
b. b 94,500 C
c. 93,9500 C
d. 92,500 C
16. The deposition of a metal on another metal is called:
- a. Electrolysis
b. Oxidation
c. Reduction
d. Electroplating
17. In electroplating, the thing to be electroplated is made the:
- a. Cathode
b. Electrolytic cell
c. Anode
d. Electrolyte
18. In which cells, oxidation loss of electrons occurs at anode and reduction gain of electrons occurs at cathode?
- a. Electrochemical
b. Electrolytic
c. Primary
d. Secondary

19. Any device that converts chemical energy into electrical energy or electrical energy into chemical energy is called:
- | | |
|---------------------------|----------------------|
| a. ✓ Electrochemical cell | b. Electrolytic cell |
| c. Photo cell | d. Pencil cell |
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9th Class

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10th Class

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