

Chemistry Fsc Part 1 Chapter 10 Online Test

Sr	Questions	Answers Choice
1	In a electrolytic cell the electrons flow from	A. Cathode to anode B. Anode to cathode C. From cathode to anode or opposite, depending upon the nature of electrolyte D. All of the above
2	When aqueous NaCl is electrolyzed, which of the following ions gas discharged at anode.	A. Cl- B. OH- C. Na+ D. H+
3	The cell in which a non spontaneous redox reaction takes place as a result of electricity is known as.	A. Voltaic cell B. Denial cell C. dry Cell D. Electrolytic cell
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5	In which of the following changes, nitrogen is reduced.	A. NH ₃ to NO B. NH ₃ to NO ₃ C. N ₂ to NH ₃ D. N-3 to N ₂
6	What is oxidation state of chlorine in Ca(ClO ₃) ₂	A. +1 B. +3 C. +5 D. +7
7	In which compound oxidation state of chlorine is +5	A. NaCl B. HOCl C. NaClO ₃ D. NaClO ₂
8	In which compound the oxidation number of Mn is +6	A. KMnO ₄ B. K ₂ MnO ₄ C. MnO ₂ D. MnO
9	What is the oxidation state of sulphur in SO ₃ ²⁻	A. -4 B. -2 C. +2 D. +4
10	When an atom reacts chemically and loses one or more electrons it is.	A. Decomposed B. Reduced C. Oxidized D. Catalyzed
11	The gain of electron is known as.	A. Oxidation B. Reduction C. Dehydration D. Dehydrogenation
12	In given equation underlined element is. P+HNO ₃ ----- H ₂ PO ₄ +NO+H ₂ O	A. Oxidized B. Reduced C. Neither oxidized nor reduced D. Both a and b
13	In the reaction 2Fe+3Cl ₂ ----- FeCl ₃	A. Fe is reduced B. Fe is oxidized C. Cl ₂ is oxidized D. None of these happens
14	If strip of Cu metal is placed in the solution of FeSO ₄	A. Cu will be precipitated out B. Fe is precipitated out C. Cu and Fe both dissolves D. No reaction takes place
15	If salt bridge is not used between two half cells, then the voltage.	A. Decreases rapidly B. Decreases slowly C. Does not change

D. Drops of zero

16 Which statements not correct about Galvanic cell.

- A. Anode is negatively charged
- B. Reduction occurs at anode
- C. Cathode is positively charged
- D. Reduction occurs at cathode

17 The cathodic reaction in the electrolysis of dil H_2SO_4 with Pt electrodes is.

- A. Reduction
- B. Oxidation
- C. Both oxidation or reduction
- D. Neither oxidation nor reduction