

Chemistry Fsc Part 1 Online Test

Sr	Questions	Answers Choice
1	The over all positive value for the reaction potential predicts that process is energetically.	A. Not feasible B. Feasible C. Impossible D. No indication
2	Cell potential depends upon	A. Temperature B. Concentration of ions C. Nature of electrolyte D. All of above
3	The difference of potential of two electrodes when concentration of solution is 1 M each at 25 °C and 1 atmosphere is called.	A. Electrode potential B. Standard cell potential C. Cell reaction D. Cell voltage
4	Standard hydrogen electrode has an arbitrarily fixed potential	A. 0.00 volts B. 1.00 volt C. 0.10 volt D. None of these
5	In Daniel cell, if salt bridge is removed between the two half cells, the voltage.	A. Drops to zero B. Does not changes C. Increases gradually D. Increases rapidly
6	A cell in which electric current is produced as a result of spontaneous redox reaction is called.	A. Electrolytic cell B. Galvanic cell C. Half cell reaction D. Down's cell
7	Alkali and alkaline earth metal are usually obtained by	A. Decomposition of their carbonates B. By heating their hydroxide C. electrolysis of molten metal oxides D. Electrolysis of molten metal halides
8	In electrolysis of aqueous NaCl, Cl ⁻ ions are.	A. Oxidized at anode B. Oxidized at cathode C. Reduced at cathode D. Neither oxidized nor reduced
9	Electrolysis is used for	A. Electroplating B. Refining of copper C. Manufacture of caustic soda D. All of the above
10	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
11	When aqueous NaCl is electrolyzed, which of the following ions gas discharged at anode.	A. Cl ⁻ B. OH ⁻ C. Na ⁺ D. H ⁺
12	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
13	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
14	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

15	What is oxidation state of chlorine in $\text{Ca}(\text{ClO}_3)_2$	B. +3 C. +5 D. +7
16	In which compound oxidation state of chlorine is +5	A. NaCl B. HOCl C. NaClO_3 D. NaClO_2
17	In which compound the oxidation number of Mn is +6	A. KMnO_4 B. K_2MnO_4 C. MnO_2 D. MnO