Electrochemistry

Sr	Questions	Answers Choice
1	Oxidation numebrof oxygen in H2O	A. 1 B. -2 C. 0 D. +1
2	Electrons in a galvanic cell flow from	A. Anode to cathode B. Cathode to anode C. Salt bridge to cathode D. Elecrolyte to anode
3	Which of the followng elements cannot displace hydrogen from acid.	A. Zn B. Cu C. Al D. Fe
4	Electrochemical equivalent is.	A. Mass per mole B. Mass per coulomb C. Charge per second D. Current per mass
5	The process of coating a metal with zinc is called.	A. Alloying B. Galvanization C. Electroefining D. Electrplating
6	Down cell is used for extractio of.	A. Zinc B. Iron C. Sodium D. Aluminum
7	In an electrolysis exprement if a charge 96,500 Coluombs is passed trough a solution, the amount of substance liberated or deposited at the electrode is directly relatd to.	A. Mass numebr of the ion B. One mole of electrons being transferred C. Avogadro's nmber of ions being discharged D. Standrd electrode potentil of the metal iion
8	The principle of measuring DO by Wrinkler's Method is based on.	A. Iodimetry B. Iodometry C. Acid Bse titration D. Complexometry
9	The salt brige allows tranfer of .....in Zn -Cu voltaic cell	A. SO4 Ions B. Zn2 ions C. Both D. None of thes
10	In redox reactions, oxidizing agents are	A. reduced B. Oxidized C. Always metals D. Always gases
11	The activity series of meals arranges metals in order of their.	A. Atomic mass B. Density C. Ease of oxidation D. Ease of reduction
12	Electrolysis is the process of	A. Chemical energy into electrical B. Electrical energy into chemical C. Heat energy into mechanical D. Mechanical energy into chemical
13	If Eo cell is +1.10 V , the reactio is	A. Spontaneous B. Non spontaneous C. At equibrium D. Endothermic only
14	In an electrochecmial cell, which ion migrates to cathode through the salt bridge.	A. Anions B. Cations C. Eletrons D. Protons
		A. Electrolysis

15	The process of purifying copper using electricity is called.	B. Electrplating C. Electrorefinging D. Electrogavimetry
16	Electroplating involves.	A. Electrolysis for coating B. Spontaneous oxidation C. Redox without electordes D. Thermolysis
17	Electroyte in electroplating of silver	A. AgNo3 B. NaCl C. CuSO4 D. HNO3
18	Electrochemical cells convert chemical energy into	A. Electrila energy B. Heat C. Light D. Nuclear energy
19	For a redox reaction to be spontaneous, Delga G should be	A. Positive B. Negative C. Zero D. Constant
20	In electolysis, reduction always occurs at	A. Anode B. Cathode C. Salt bridge D. Electroyte