

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Al^{3+} is a symbol for aluminium	A. Atom B. Ion C. Cation D. Anion
2	Which species represented by the following formula has the largest radius	A. P^{3-} B. Cl^{-} C. A^{+} D. K^{+}
3	Reaction takes place at anode is	A. Ionization B. Reduction C. Oxidation D. Hydrolysis
4	Which of the following compound is not formed according to octet rule:	A. KrF_2 B. XeF_2 C. XeO_3 D. SF_6
5	Question Image	A. Le-chatelier's principle B. Only adding catalyst C. Decreasing pressure D. Decreasing temperature
6	The movement of solvent molecules through a semipermeable membrane is called	A. Electrolysis B. Electrophoresis C. Osmosis D. Cataphoresis
7	The function of salt bridge is :	A. To increase movement of ions. B. To increase the emf of cell. C. To decrease the temperature D. To maintain electrical neutrality
8	Polysaccharides are also called	A. Crystals B. Sugars C. Liquids D. None of these
9	Transition elements are called so because:	A. Form interstitial compounds B. have high m.p C. In between 's' and 'p' block elements D. All of these
10	Hydrogen bond is the strongest between the molecules of:	A. HF B. HCl C. HBr D. HI
11	Potassium hexacyanoferrate (II) has the formula	A. $\text{K}_4[\text{Fe}(\text{CN})_6]$ B. $\text{K}_3[\text{Fe}(\text{CN})_6]$ C. $\text{K}_2[\text{Fe}(\text{CN})_6]$ D. $\text{K}[\text{Fe}(\text{CN})_6]$
12	A double bond consists of	A. Two sigma bonds B. One sigma and one Pi bond C. One sigma and two Pi bonds D. Two Pi bonds
13	For the reaction $\text{Fe}^{3+} + \text{e}^{-} \rightarrow \text{Fe}^{2+}$	A. $E^\circ = 1.17\text{V}$ B. $E^\circ = 0.77\text{V}$ C. $E^\circ = 0.44\text{V}$ D. $E^\circ = 0.22\text{V}$

13	For which mechanisms, the first step involved is the same:	SN^2 C. E^2 and E^1 D. $\text{E}1$ and SN^1
14	Any substance in the environment which adversely affects the human health and natural functioning of the Ecosystem is known as	A. Environment B. Hydrosphere C. Pollutant D. Biosphere
15	Acetone is oxidized with	A. Tollen's reagent B. Fehling solution C. Acidic dichromate solution D. Benedicts solution
16	At present the number of fertilizers plants in Pakistan are	A. 10 B. 12 C. 14 D. 20
17	Spectrum of white light is continuous because	A. Colors separated by dark spaces B. There are no boundary lines between the colours C. The radiations are in infrared region D. The radiations fall in ultraviolet region
18	Preparation of vegetable ghee involves	A. Halogenations B. Hydrogenation C. Hydroxylation D. Dehydrogenation
19	Which of the following is not charged particle	A. Proton B. Electron C. Neutron D. Hydrogen nucleus
20	Ammonia like water also reacts with Grignard's reagent to give	A. Alkane B. Alkene C. Alkyne D. Amide