

ECAT Chemistry MCQ's Test For Full Book

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Sr	Questions	Answers Choice
1	The hydrocarbon which is used as an illuminating agent	A. Methane B. Methene C. Methyne D. B & D. C
2	When potassium metal is exposed to violet light	A. Ejection of electrons takes place B. Ejection of some potassium atoms occurs C. There is no effect D. The absorption of electrons takes place
3	Without proper suction filtration is	A. Rapid process. B. Fague process. C. Slow process. D. Useless process.
4	Amylacetate flavour is present in:	A. Banana B. Apple C. Jasmine D. Orange
5	Which is the transition element among the following	A. B B. Al C. Cu D. Cs
6	The only alcohol that can be prepared by the indirect hydration of alkene is	A. ethyl alcohol B. propyl alcohol C. isobutyl alcohol D. methyl alcohol
7	Alkyne is :	A. CH ₃₋ CH ₃ B. CH ₄ C. CH ₂₌ CH ₂ D. C ₂ H ₂
8	According to VSEPR theory, the shape of the water molecule is	A. Octahedral B. Distorted tetrahedral C. Planar triangle D. Linear
9	Whenever a week base is dissolved in water, it give its conjugate acid. similarly a weak acid in water produces its conjugate base. This conjugate acid-base pair concept is stated by	A. Law of mass action B. Le-charlier's principle C. Common ion effect D. Lowery Bronsted concept
10	The measurement of degree of disorder is	A. Internal energy B. Enthalpy C. Entropy D. None
11	What happens when isotonic solution of A (mol.wt.342) and B (mol.wt 60) are put in to communication through semipermeable membrane?	A. Transference of solvent from solution A to that of B take place B. Transference of solvent from solution B to that of A takes place C. No transference of solvent from solution A to that of B takes place D. Change in temperature of solutions takes place
12	Which of the following molecules has zero dipole moment?	A. NH ₃ B. CHCl ₃ C. H ₂ O D. BF ₃
13	Number of isomers of butane are:	A. One B. Two C. Three D. Four
14	1 mole of N ₂ and 2 moles of H ₂ are allowed to react in a 1 dm 3 vessel. At equilibrium 0.8 mole of NH $_3$ is formed. The concentration of H $_2$ in the vessel is	A. 0.6 mole B. 0.8 mole C. 0.2 mole D. 0.4 mole
		A. NaCl

15	The freezing mixture used in ice cream machine consists of ice and	B. KCI C. MgCl ₂ D. NaNO ₃
16	Cuprous ore among the following is	A. Chalcopyites B. Azurite C. Cuprite D. Malachitre
17	Cyanohydrin of which of the following forms lactic acid	A. HCHO B. CH ₃ COCH ₃ C. CH ₃ CHO D. CH ₃ CH ₂ CH ₂ CHO
18	Mosley gave his periodic law in the year:	A. 1829 B. 1864 C. 1871 D. 1913
19	Group I-A elements react with water fastly than the reaction of group II-A elements because	A. I _A elements are more soft then II _A B. I _A elements are non-metals C. I _A elements have 1 electron in their outermost s-orbital and are strongly electropositive D. I _A elements make ionic bond
20	What is not a common use of methane	A. As a fuel B. For the preparation of haloaklanes C. For the preparation of methyl alcohol D. For the preparation of sulphuric acid