

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	The amount of electricity that can deposit 108 g of silver from silver nitrate solution is	A. 1 ampere B. 1 coulomb C. 1 faraday D. 2 ampere
2	Which woody raw material is used of the manufacture of paper pulp	A. Cotton B. Bagasse C. Poplar D. Rice straw
3	The acid which has a peroxy linkage is	A. Sulphurous acid B. Pyrosulphuric acid C. Dithionic acid D. Caro's acid
4	Second most element in the universe is	A. He B. Ne C. Ar D. Kr
5	Which statement about molecule is incorrect ?	A. Molecules of a substance are similar B. Hemoglobin is a homo atomic molecules C. Oxygen molecule is a macro molecule D. It exist independently
6	In which type of following solutions we don't know the total volume of the solutions :	A. Percentage weight/weight B. Percentage weight/volume C. Percentage volume/volume D. Percentage volume/weight
7	Which the increase in carbon number of solubility of an alcohol	A. Increases B. Decreases C. Remains unaffected D. None of these
8	Alpha rays consist of:	A. Neutrons. B. Helium nucleus. C. Protons. D. Hydrogen nucleus.
9	Which of the following hydrides ionic in nature	A. NaH B. CH ₄ C. NH ₄ D. H ₂ S
10	Which of the following has polar bond	A. O ₂ B. N ₂ C. HCl D. Cl ₂
11	Which compound will not dissolve in H ₂ O	A. C ₆ H ₆ B. C ₂ H ₅ OH C. CH ₃ CH ₂ CH ₂ OH D. CH ₃ OH
12	The largest number of molecules are present in	A. 3.6 g of H ₂ O B. 4.8 g of C ₂ H ₅ OH C. 2.8 g of CO D. 5.4 g of N ₂ O ₅
13	Aldol condensation is actually	A. Electrophilic addition of carbonation B. Electrophilic addition of carbonium ion C. Nucleophilic addition of carbonation D. Nuclephilic addition of carbonium ion
14	The chemical reactivity of glass is reduced by the use of	A. Fluxes B. Formers C. Stabilizers D. None of these
15	What is not a common use of methane	A. As a fuel B. For the preparation of haloalkanes C. For the preparation of methyl alcohol D. For the preparation of hydrogen cyanide

D. For the preparation of sulphuric acid

16	The quantum number which determines the shape of the orbital is	A. principal B. azimuthal C. magnetic D. spin
17	In the atmosphere, O_2 is about	A. 10% B. 15% C. 21% D. 25%
18	The sum of mole fractions (X) of components of solution is equal to	A. 100 B. 200 C. One D. Zero
19	The structure of ICl_2 is	A. Trigonal B. Trigonal bipyramidal C. Octahedral D. Square planar
20	The wave number of the line emitted is $109.678 \times 10^5 m^{-1}$ in the Lyman series when electron transition occurs	