

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	The value of SHE is cathode and anode is always taken to be	A. One B. Zero C. Different D. Same
2]Which of the following is a pseudo solid?	A. Atoms of He is gaseous stat at high temperate. B. Molecules of water in liquid state. C. Molecules of solid I ₂ D. Molecular of hydrochloric acid gas
3	Pauli's principle is applicable to	A. Degenerate orbits B. Two electrons in the same orbital C. One electron D. None
4	Urea has concentration when prepared before prilling:	A. 100% B. 99.7% C. 82% D. 46%
5	A gas bulb is filled with NO ₂ gas and immersed in an ice bath at 0°C which becomes colourless after sometimes. This colourless gas will be	A. NO ₂ B. N ₂ O C. N ₂ O ₄ D. N ₂ O ₅
6	Aspirin is	A. Acetyl salicylic acid B. Phenyl salicylic acid C. Salicylic acid D. Benzoic acid
7	Coal is used to bake bricks in lime kiln:	A. 40% B. 60% C. 80% D. None of these
8	Ozone is not	A. An allotrope B. A powerful oxidizing agent C. Paramagnetic D. A bent molecule
9	Among the following the most reactive towards alcoholic KOH is	A. CH ₃ CH ₂ Br B. CH ₃ COCH ₂ CH ₂ Br C. CH ₃ CH ₂ CH ₂ Br D. CH ₃ CH ₂ CH ₂ CH ₂ Br
10	How many cm ³ of 1 M H ₂ SO ₄ required to neutralize 10 cm ³ of 1 M NaOH	A. 2 cm ³ B. 2.5 cm ³ C. 5 cm ³ D. 10 cm ³
11	Reaction of ethanes with KMnO ₄ gives:	A. Ozonide B. Glyoxal C. Glycol D. Oxalic acid
12	The number of amino acids found in proteins that a human body can synthesize is	A. 20 B. 10 C. 5 D. 14
13	In endothermic reactions, the heat content of the	A. Products is more than that of reactants B. Reactants is more than that of products C. Both a and b D. None of the above
14	Periodic law was given by:	A. Al-Razi B. Dobriener C. Newland D. Mendeleev
15	Alkaline earth metals posses two electrons in their outermost	A. F-orbital B. D-orbital C. S-orbital D. P-orbital

16	Two different hydrocarbon each contain the same percentage by mass of hydrogen. It follows that they have the same	A. Empirical formula B. Number of atoms in a molecules C. Number of isomers D. Relative molecular mass
17	Alpha rays consist of:	A. Neutrons. B. Helium nucleus. C. Protons. D. Hydrogen nucleus.
18	Which of the following sulphates is not soluble in water?	A. Sodium sulphate B. Potassium sulphate C. Zinc sulphate D. Barium sulphate
19	Alkyl halides can be prepared by treating halogen acids with	A. Ethane B. Ethanol C. Ethene and ethanol D. Aldehyde
20	A solution of NaOH has pH = 13, then concentration of NaOH is	A. 10^{-13} M B. 10^{13} M C. 10^{-1} M D. 10^{+1} M