

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	The strength of economy of a country is measured with respect to production of	A. Medicines B. Cement C. Fertilizers D. Paper
2	Four d-orbitals contain four lobes while fifth contains only two lobes the orbital is	A. dxy B. dxz C. d_{z^2} D. $d_{x^2-y^2}$
3	Most transition elements show	A. Diamagnetic behavior B. Ferromagnetic behavior C. Paramagnetic behavior D. None of these
4	Out of all the elements of group V-A, the highest ionization energy is possessed by:	A. N B. P C. Sb D. Bi
5	Which enzyme is not involved in fermentation of starch	A. Diastase B. Zymase C. Urease D. Invertase
6	Question Image	A. Homogeneous B. Heterogeneous C. Isogeneous D. None
7	The acids obtained by the hydrolysis of fats and oils are called	A. Active compound B. Fatty acids C. Functional group D. None
8	Arabic word "alkali" means:	A. The ashes B. the sour C. The fragrant D. Caustic
9	The substance which is present in large quantity is called a :	A. Solute B. Solvent C. solution D. None of Above
10	Which one of the following is a colligative property?	A. Surface tension B. Osmotic pressure C. Viscosity D. Refractive index
11	Half life of most stable isotope of astatine is	A. 8.0 hrs B. 8.1 hrs C. 8.2 hrs D. 8.3 hrs
12	Drawback DDT as pesticide is	A. It becomes ineffective after some time B. It is less effective than others C. It is not easily/rapidly degraded in nature D. Its high cost
13	Propyne on hydrolysis in presence of H_2SO_4 and $HgSO_4$ gives	A. Acetaldehyde B. Acetone C. Formaldehyde D. None
14	The substance upon which an enzyme acts is known as its	A. Domain B. Field C. Substrate D. Reactant
15	Benzene is obtained by fractional distillation of	A. Heavy oil B. Anthracene oil C. Middle oil D. None

		D. Light oil
16	Compounds having the same molecular formula, but different functional groups show	A. Metamerism B. Position isomerism C. Chain isomerism D. Functional group isomerism
17	Which is independent of temperature	A. Molarity B. Molality C. Normality D. Mole fraction
18	The quantum number which describes the shape of the orbital is	A. Principle quantum number B. Spin quantum number C. Azimuthal quantum number D. Magnetic quantum number
19	Reaction of Grignard's reagent with aldehydes other than formaldehyde gives: Reaction of Grignard's reagent with formaldehyde gives:	A. Primary alcohol B. Secondary alcohol C. Tertiary alcohol D. Carboxylic
20	Benzene is obtained from benzene sulphonic acid by treating with	A. HCl B. NaOH C. H_2SO_4 D. NaHCO_3