

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	The unit of the rate constant is the same as that of rate of reaction in :	A. Third order reaction B. Second order reaction C. First order reaction D. Zero order reaction
2	The organic compounds containing Ph--OH group are called:	A. Phenol B. Aldehyde C. Ketones D. Carboxylic acids
3	Among the elements given below, the one with highest electropositivity is	A. Cu B. Cs C. Cr D. Ba
4	Which statement is not correct about alcohol?	A. Ethyl alcohol is heavier than water B. Ethyl alcohol evaporates more quickly C. Alcohol with less number of carbon atoms is more soluble in water than alcohol with more number of carbon atoms D. Alcohol produces H_2 by reaction with sodium metal
5	Second most element in the universe is	A. He B. Ne C. Ar D. Kr
6	Acid rains are produced by	A. Excess NO_2 and SO_2 from burning fossil fuels B. Excess production of NH_3 by industry and coal gas C. Excess release of carbon monoxide by incomplete combustion D. Excess formation of CO_2 by combustion and animal respiration
7	Which of the following reagent cannot be used for preparing alkyl chloride from alcohol?	A. $HCl + anhyd. ZnCl_2$ B. $NaCl$ C. PCl_5 D. $SOCl_2$
8	The total number of d-block transition element is	A. 10 B. 14 C. 40 D. 30
9	The rate of reaction :	A. Decreases as the reaction proceeds B. Increases as the reaction proceeds C. May decrease or increase reaction proceeds D. Remains same as the reaction proceeds
10	Which one of the following gases is used for artificial ripening of fruits	A. Ethene B. Ethane C. Methane D. Propane
11	Compounds having same molecular formula but different structures are said to be	A. Monomers B. Isomers C. Metamers D. Tautomers
		A. Relative lowering of V.P. is equal to mole fraction of solute B. The lowering of V.P. is directly

12	According to Raoult's law	proportional to mole fraction of solute C. V.P. of solvent above solution is equal to product of V.P. of pure solvent and mole fraction of solvent in solution D. All of the above
13	The change in heat energy at constant temperature is called	A. Enthalpy change B. Heat of vaporisation C. Bond energy D. Internal energy change
14	The solution of which acid is used for seasoning of food?	A. Formic acid B. Acetic acid C. Benzoic acid D. Butanoic acid
15	Benzene gives reactions generally:	A. Electrophilic substitution B. addition C. synthesis D. addition and electrophilic substitution
16	Metals usually conduct electricity because	A. There are mobile electrons in the metallic structure B. Metals are decomposed by current C. Metals have high resistance D. In metals the ions are free to move
17	Which of the following is the most suitable method for removing the traces of water from ethanol?	A. Reacting with Na metal B. Passing dry HCl through it C. Distilling it D. Reacting with Mg
18	Which of the following human activities are contaminating surface and ground waters	A. Pesticides B. Septic tanks C. Petroleum and natural gas production D. All of these
19	Lime is often used as an agent:	A. dehydrating B. hydrating C. oxidizing D. reducing
20	The bond order of O_2 molecule is	A. 1 B. 2 C. 3 D. Zero