

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Which element does not belong to 3d transition series	A. Ti B. V C. Mn D. Te
2	With increases of 10°C temperature the rate of reaction doubles. This increase in rate of reaction is due to :	A. Decrease in activation energy or reaction. B. Decrease in number of collisions between reactant molecules. C. Increase in activation energy of reactants. D. Increase in number of effective collisions
3	The electrophile in aromatic sulphonation is	A. H_2SO_4 B. HSO_4^- C. SO_3 D. SO_3^{+}
4	Some Non-spontaneous process can be made to take place by supplying energy to the system from :	A. Internal source. B. Any source. C. External source. D. All of above.
5	Ethyl acetate is obtained when methyl magnesium iodide reacts with	A. Ethyl formate B. Ethyl chloroformate C. Acetyl chloride D. carbon dioxide
6	The statement regarding effect of catalyst on reversible reaction is.	A. To increase equilibrium constant for forward reaction B. To increase yield of product in equilibrium C. To increase the rate constant for both reactions D. To increase the rate of only for ward reaction
7	Formalin is an aqueous solution of	A. Furfural B. Fluorescein C. Formaldehyde D. Formic acid
8	Gypsum added in the cement is :	A. 5% B. 10% C. 15% D. 20%
9	Common names of carboxylic acids are given by then:	A. Source B. Person discovered C. place D. habit
10	Vegetables oils are:	A. Unsaturated fatty acids B. Glycerides of unsaturated fatty acids C. Essential oils obtained form plants D. None of these
11	Baukelite is a polymer obtained from two monomers	A. Phenol and ethanol B. Phenol and methanol C. Phenol and methanal D. Phenol and acetone
12	The elements of group IA are called	A. Chalocogens B. Halogens C. Alkali metals D. Alkaline earth metals
13	Question Image <input type="text"/>	A. 2-bromo-3-methylbutane B. 3-methyl-2-bromobutane C. 2-methyl-3-bromobutane D. All of these
		A. Chromium

14	Which of the following d-block elements can show the highest oxidation number in its compounds	B. Copper C. Nickel D. Manganese
15	$(\text{CH}_2\text{O})_n$ is general formula for	A. Monosaccharides B. Oligosaccharides C. Polysaccharides D. None of these
16	Taste of lower alcohols is:	A. Sweet B. Bitter C. Sour D. Salty
17	Steel is manufactured by open Hearth process from.	A. Wrought iron B. Cast iron C. Steel scrap D. All of the above
18	Absolute temperature of a gas is proportional to	A. Rotational kinetic energy B. Translational kinetic energy C. Vibrational kinetic energy D. Potential energy
19	Ammonia contains nitrogen in it:	A. 46% B. 50% C. 80% D. 82%
20	Which one of the following solution will have higher vapour pressure than that of water	A. Aqueous solution of methanol B. Aqueous solution of HCl C. Aqueous solution of glucose D. Aqueous solution of urea