

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	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
2	Wholer prepared urea from	A. Ammonia B. NH_4CNO C. NH_3 D. Uric acid
3	In an electrolytic cell, the electrons flow from :	A. Cathode to anode or opposite B. Cathode to anode C. Anode to cathode D. Random flow
4	Which is used in navigational equipments?	A. B B. Be C. Mg D. Al
5	The amount of Ni in stainless steel is	A. 3% B. 4% C. 5% D. 8%
6	The malt-sugar in the presence of yeast or invertase gives	A. Fructose B. Glucose C. Lignin D. Alcohol
7	The reaction of aromatic acyl chloride and phenol in the presence of a base NaOH or pyridine is called	A. Kolbe's reaction B. Perkin's reaction C. Sandmeyer's reaction D. Schotten Baumann reaction
8	The normal amount of overhead ozone is about	A. 250 DU B. 300 DU C. 350 DU D. 400 DU
9	Acetal is produced by reacting alcohol in the presence of dry HCl with	A. Acetaldehyde B. Ketone C. Ether D. Carboxylic acid
10	The bond angle depends upon the	A. Types of bonds B. Number of bonds C. Non-bonding electron pairs D. All of the above
11	Isopropyl alcohol on oxidation forms	A. Acetone B. Ether C. Ethylene D. Acetaldehyde
12	Which inorganic precipitate acts as semipermeable membrane?	A. Calcium sulphate B. Barium oxalate C. Nickel phosphate D. Copper ferrocyanide
13	When aqueous solution of NaOH is electrolysed using graphite electrodes, the product obtained at anode is	A. O_2 gas B. H_2 gas C. Na metal D. Na_2O
14	Which is the most reactive?	A. White phosphorus B. Red Phosphorus C. Graphite D. Plastic sulphur
15	Question Image	A. Introduction of an inert gas at constant volume B. Introduction of PCl_3 (g) at constant

		<p>C. Introduction of PCl_5 (g) at constant volume</p> <p>D. Introduction of Cl_2 at constant volume</p>
16	The radiations with wavelength shorter than violet light are called	<p>A. Ultraviolet</p> <p>B. Infrared</p> <p>C. Microwave</p> <p>D. Radio frequency</p>
17	Aromatic hydrocarbons are the derivatives of:	<p>A. Normal series of paraffins</p> <p>B. Alkene</p> <p>C. Benzene</p> <p>D. Cyclohexane</p>
18	Naturally occurring lipids are called	<p>A. Fats</p> <p>B. protein</p> <p>C. Steroids</p> <p>D. None</p>
19	Substitution of halogen in the benzene ring requires catalyst	<p>A. AlCl_3</p> <p>B. FeCl_3</p> <p>C. SiO_2</p> <p>D. Organo - nickel</p>
20	Size of an anion is increased as compared to its atom because of the	<p>A. Addition of new shell</p> <p>B. Repulsion of electrons in the valence shell</p> <p>C. Decrease in nuclear charge</p> <p>D. Increase in the nuclear charge</p>