

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Elements combine together due to inherent tendency to stabilize themselves by:	A. Losing electron. B. Sharing electrons. C. Gain in electrons. D. All of above.
2	A six membered ring containing one double bond called	A. Cyclohexene B. Cyclohexane C. Cyclohexadiene D. None
3	Which is an inert gas?	A. Nitrogen B. Oxygen C. Hydrogen D. CO
4	The simplest and the parent members of aromatic hydrocarbon is	A. Benzene B. Toluene C. Biphenylis D. Naphthalene
5	Benzene gives reactions generally:	A. Electropholic substitution B. addition C. synthesis D. addition and electropholic substitution
6	The galvanic or voltaic cells which are rechargeable called as	A. Primary cells B. Secondary cells C. Dry cells D. Infinite cells
7	Chromic acid used to oxidize	A. Aldehyde B. Ketone C. Both a and b D. None of these
8	When 0.1 g of magnesium is treated with an excess of hydrochloric acid, what volume of gas at room temperature and pressure will be produced	A. 10 cm ³ B. 25 cm ³ C. 48 cm ³ D. 100 cm ³
9	The electrode through which the electrons enter the electrolytic solution is electrolytic solution is	A. Anode B. Cathode C. May be anode or cathode D. None of these
10	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 ₂ O
11	Value of chemical oxygen demand (COD) is a measure of chemically oxidizable matter in water. Which value of COD will indicate more polluted water	A. Low value B. Higher value C. Both values D. None of these
12	Which is the derived lipid?	A. Common fats B. Vitamin-D C. Common oils D. Spinolipids
13	Which one of the following is a water soluble vitamin	A. Niacin B. Riboflavin C. Tyrosine D. Ascorbic acid
14	10 ml of 1.5 M NaOH solution is neutralized by 20 ml of a-M HCl solution. The value of 'a' will be	A. 1.0 B. 0.75 C. 0.5 D. 0.25
15	Synthesis rubber is made by polymerization :	A. Chloroform B. Acetylene C. Divinyl acetylene D. ...

16	Reactivity of alkyl halides with magnesium is of the order:	A. $\text{RI} > \text{RBr} > \text{RCl} > \text{RF}$ B. $\text{RBr} > \text{RCl} > \text{RF} > \text{RI}$ C. $\text{RCl} > \text{RF} > \text{RI} > \text{RBr}$ D. $\text{RF} > \text{RI} > \text{RBr} > \text{RII}$
17	The coinage metals are	A. Ni, Pd, Pt B. Cu, Ag, Au C. Zn, Al, Pb D. Fe, Si, Sn
18	Peptide bond is a key feature in	A. Polysaccharide B. Proteins C. Nucleotide D. Vitamins
19	What is the nature of Al_2O_3	A. Acidic B. Basic C. Amphoteric D. Neutral
20	Oxidation state of an element in free state is:	A. Its number of electrons lost B. Its number of electrons gained C. zero D. Its number of electrons shared