

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Which of the following has magnesium?	A. Carbonic anhydrase B. Haemocyanin C. chlorophyll D. Vitamin B ₁₂
2	Aromatic compounds burn with sooty flame cause:	A. They have high percentage of hydrogen B. They have ring structure C. They have high percentage of carbon D. They resist reaction with air
3	A ring contains 3 gram diamond. The number of C-atoms which a ring contains is	A. 3.01×10^{23} B. 1.5×10^{23} C. 6.02×10^{24} D. 3.01×10^{24}
4	Alkanes may be prepared by the reaction of alkyl halides with	A. Alcohol B. Carboxylic acid C. Grignard reagents D. None of these
5	The strongest acid is	A. HF B. HCl C. HBr D. HI
6	5-d series is in the period :	A. 4th B. 5th C. 6th D. 7th
7	Each molecule of haemoglobin is 68000 times heavier than one atom of	A. C B. H C. N D. O
8	The experimental evidences for the existence of atomic nucleus comes from:	A. Line spectrum of hydrogen. B. Magnetic bonding of cathode rays. C. Millikan oil drop experiment. D. Scattering of alpha particles by thin metal foil.
9	The main source of natural fibre is	A. Animal fibres B. Vegetables fibres C. Mineral fibres D. All of the above
10	The tendency of an atom to attract shared electron pair towards itself is called	A. Covalent bond B. Electronegativity C. Ionization potential D. Electronic affinity
11	Which is used for the reduction of aldehydes and ketones	A. NaBH_4 B. Pt/Pd C. Ni D. All of these
12	The chemist who synthesized urea from ammonia cyanate was:	A. Berzelius B. Kolbe C. Wohler D. Lavoiser
13	Replacement of hydrogen atom by -SO ₃ H group in benzene is called	A. Nitration B. Alkylation C. Sulphonation D. Acylation
14	Treatment of a secondary alcohol with a suitable oxidizing agent (K ₂ Cr ₂ O ₇) results in the formation of	A. Ketone B. Aldehyde C. Ether D. Alkyl halide
		A. Cholesterol

15	Which is not a steroid	B. Ergosterol C. Phospholipids D. None of these
16	If initial concentration of the reactants and half life period of the reaction is known, then we can determine	A. Average rate of reaction B. Order of reaction C. Rate constant k D. Instantaneous rate
17	Formaline Contains _____% alcohol	A. 80 B. 37 C. 8 D. 52
18	Question Image	A. Shift reaction toward forward direction B. Shift reaction backward C. Lower the value of K_c D. No change in reaction
19	The percentage of nitrogen in ammonium nitrate is	A. 32 - 33.5% B. 34 - 36% C. 40 - 45% D. None of these
20	In the reaction $6 \text{NaOH} + 3 \text{Cl}_2 \rightarrow 5 \text{NaCl} + \text{H}_2\text{O} + \text{NaClO}_3$, Chlorine is.	A. Oxidized B. Both C. Reduced D. None