

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	All gases can be compressed by	A. Keeping constant pressure B. Decreasing pressure C. Increasing pressure D. None of above
2	According to Mendleev, the physical and the chemical properties are the periodic function of their	A. Atomic number B. Atomic mass C. Atomic wt D. None
3	A polymer may be	A. Linear B. Branched C. Cross linked D. All of these
4	A single benzene ring can have _____ ortho position maximally	A. One B. Two C. Three D. Four
5	Sodium is manufacture by the electrolysis of fused sodium chloride and not from an aqueous solution of sodium chloride because	A. Sodium chloride does not ionize in the water solution B. Sodium chloride is not soluble in water C. Sodium deposited at the cathode may react with water to form sodium hydroxide D. Electricity does not pass through aqueous NaCl
6	Benzene reacts with chlorine to form benzene hexachloride in presence of	A. Nickel B. $AlCl_3$ C. Bright sunlight D. Zinc
7	Salol is prepared from	A. Salicylic acid and phenol B. Salicylic acid and methyl alcohol C. Both D. None
8	3.6% WN solution of HCl has the molairity	A. 1.0 B. 1.15 C. 0.98 D. 1.98
9	A solution containing maximum amount of solute dissolved at a given temperature is called	A. Saturated solution B. Unsaturated solution C. Supersaturated solution D. Impure solution
10	From the difference between expected bond energies for the normal covalent bond and experimentally determined values Pauling calculated the values of	A. Ionization potential of elements B. Electron affinity of elements C. Electronegativity of elements D. Bond length
11	The electron affinity of chlorine may be represented by the equation	
12	In the rate equation when the concentration of reactants are unity, then rate is equal to	A. Instantaneous rate B. Average rate C. Active mass of products D. Specific rate constant
13	Smallest particle of an element which may or may not have independent existence is known as:	A. A molecule B. An ion C. An atom D. An electron
14	Which of the following compounds is explosive in nature?	A. Phosphorus trichloride B. Nitrogen trichloride C. Hyponitrous acid D. Nitrosyl chloride
15	Question Image	A. 4 mole per dm^3 B. 2 mole per dm^3 C. 0.33 mole per dm^3

D. $0.67 \text{ mole per dm}^3$

16 Oxidation of ter-alcohol gives:

- A. Aldehyde
- B. Formaldehyde
- C. Ketone
- D. Alkens

17 The alkyl halide molecule on which a nucleophile attacks is called

- A. Substrate
- B. Substituent
- C. Substituted
- D. All of these

18 

- A. Adding 2(ii) + 3(iii) and subtracting i
- B. Add i + ii + iii
- C. Add i - ii + iii
- D. Add i - ii - iii

19 Propyne on hydrolysis in presence of H_2SO_4 and HgSO_4 gives

- A. Acetaldehyde
- B. Acetone
- C. Formaldehyde
- D. None

20 Molar mass of high molecular w.f. polymers ranges form:

- A. 1000 to 10000
- B. 10000 to 100000
- C. 100000 to 1000000
- D. 1000000 to 10000000