

## Chemistry Fsc Part 1 Online Test

Sr	Questions	Answers Choice
1	Tin has isotopes.	A. 9 B. 10 C. 11 D. 12
2	Paalladium has isotopes.	A. 6 B. $7^{<sub>7</sub>}$ C. 8 D. 9
3	Which is not a molecular ion.	A. He <sup>+</sup> B. CH <sub>3</sub> <sup>+</sup> C. NH <sub>3</sub> <sup>-</sup> D. CO <sup>+</sup>
4	In Al <sub>2</sub> O <sub>3</sub> , the ratio between the ions is	A. 1 :2 B. 2:1 C. 2:3 D. 3:2
5	Haemoglobin is a Macro molecule and consists of approximately atoms.	A. 5000 B. 10,000 C. 68000 D. 15000
6	The largest number of molecule are present.	A. 3.6 g of H <sub>2</sub> O B. 4.6 g of C <sub>2</sub> H <sub>5</sub> OH C. 2.8 g of CO D. 5.4 g of N <sub>2</sub> O <sub>5</sub>
7	Nickel has isotopes	A. 3 B. 5 C. 6 D. 11
8	Bromine has isotopes	A. 2 B. 4 C. 8 D. 6
9	Cadmium has isotopes.	A. 3 B. 4 C. 5 D. 9
10	SP <sup>3</sup> hybridization in important in describing the bonding in	
11	After 3 half lives of a chemical reaction, the % fraction of the amount left is	A. 6.25 B. 75 C. 12.5 D. 50
12	The unit of rate constant depends upon	A. Number of reactants B. Concentration terms C. Order of reaction D. Molecularity of reaction
13	A substance which rerareds the rate of a reaction is called	A. Inhibitor B. Activator C. Auto-catalyst D. None of these
14	The influence of temperature on reaction rate is predicated by	A. Free energy change of reaction B. Arrhenius equation C. Van der weal's equation D. Kinetic equation
15	If the energy of the activated complex lies close to energy of reactants, it means that reaction is	A. Slow B. Fast C. Exothermic D. Endothermic
16	The power of which the concentration of a substance appears in the rate expression is	A. order of reaction with respect to that substance B. Rate of reaction

known as

C. Order of reaction  
D. Molecularity of reaction

17 The true representation for the units of rate constant K for the first order reaction

- A.  $\text{sec}^{-1}$   
B.  $\text{mole dm}^{-3}\text{s}$   
C.  $\text{mole dm}^{-3}\text{s}^{-1}$   
D.  $\text{mole}^{-1}\text{dm}^3\text{s}^{-1}$