

## Fsc Part 1 Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Chemical bond formation takes place when	<p>A. Force of attraction is equal to the force of repulsion</p> <p>B. Force of repulsion is greater than force of attraction</p> <p>C. Force of attraction overcomes force of repulsion</p> <p>D. None of these</p>
2	Which will have zero dipole moment	<p>A. <math>H_2O</math></p> <p>B. <math>BF_3</math></p> <p>C. <math>H_2S</math></p> <p>D. <math>CHCl_3</math></p>
3	Which does not alter equilibrium constant.	<p>A. Catalyst</p> <p>B. Temperature</p> <p>C. Pressure</p> <p>D. Both a and c</p>
4	A salt that hydrolyzes in water is from	<p>A. Strong acid and base</p> <p>B. Weak acid or base</p> <p>C. None</p> <p>D. Both strong</p>
5	In a chemical reaction, a catalyst.	<p>A. Alters <math>\Delta H</math></p> <p>B. Lowers activation energy</p> <p>C. Is consumed</p> <p>D. Forms product</p>
6	Which is a weak acid	<p>A. <math>HNO_3</math></p> <p>B. <math>H_2SO_4</math></p> <p>C. <math>HF</math></p> <p>D. <math>HCl</math></p>
7	The number of moles of $CO_2$ which contain 8 g of oxygen.	<p>A. 0.25</p> <p>B. 0.5</p> <p>C. 1.0</p> <p>D. 1.50</p>
8	How does heat of vaporization affect matter.	<p>A. Causes decrease in kinetic energy</p> <p>B. Increases particle motion and separates them into gas phase</p> <p>C. Decreases freedom of particles</p> <p>D. Strengthens intermolecular forces</p>
9	How many subshells are present in M-Shell	<p>A. 1</p> <p>B. 2</p> <p>C. 3</p> <p>D. 4</p>
10	Concept of Triads was given by	<p>A. Mendeleev</p> <p>B. L. Meyer</p> <p>C. Dobereiner</p> <p>D. Newlands</p>
11	Which compound is a cycloalkane.	<p>A. Butene</p> <p>B. Cyclopentane</p> <p>C. Benzene</p> <p>D. Cyclopentane</p>
12	Combustion of methane is.	<p>A. Reversible</p> <p>B. Endothermic</p> <p>C. Irreversible</p> <p>D. Equilibrium process</p>
13	Redox reactions always involve.	<p>A. Gain of protons</p> <p>B. Transfer of electrons</p> <p>C. Loss of neutrons</p> <p>D. Nuclear change</p>
14	Acidic chlorides have pH?	<p>A. More than 7</p> <p>B. Less than 7</p> <p>C. Equal to 7</p>

		D. <p>May be any</p>
15	Suppose there are 100 molecules of a gas initially in jar A, which is connected to an evacuated jar B, When the stopcock is opened, the positive ways of arrangement of molecules will be	A. 100 B. 1/100 C. 2/100 D. 1/2
16	Optimum temperatur ein Haber process is	A. 50 oC B. 450 oC C. 200 oC D. 1000 oC
17	Monomer of polystyrene is.	A. Styrene B. Ethene C. Benzene D. Toluene
18	One mole of water contains.	A. <p>81 g water</p> B. $6.02 \times 10^{23}$ atom C. $6.02 \times 10^{23}$ ions D. $6.02 \times 10^{23}$ molecule E. $6.02 \times 10^{23}$ atom
19	Which of the following statemetns about ideal gases is true.	A. <p>they have strong intermolecular forces</p> B. <p>Their particles have significant volume</p> C. <p>Their volume is mainly due to particle size</p> D. <p>They have negligible intermolecular forces</p>
20	Unit of rate constant for first order reaction is	A. mol dm <sup>-3</sup> B. mol <sup>-1</sup> dm <sup>3</sup> s <sup>-1</sup> C. s <sup>-1</sup> D. J mol <sup>-1</sup>