

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

Sr	Questions	Answers Choice
1	What the mass of oxygen obtaining from 72 g of pure water.	A. $16\text{ g}$ B. $32\text{ g}$ C. $64\text{ g}$ D. $72\text{ g}$
2	One mole of water contains.	A. $81\text{ g water}$ B. $6.02 \times 10^{23}$ C. $6.02 \times 10^{23}$ D. $6.02 \times 10^{23}$ E. $6.02 \times 10^{23}$
3	Effect of temperature on rate is	A. Negligible B. Linear C. Exponential D. Logarithmic
4	Born Haber cycle is used to calculate	A. Bond energy B. Heat of hydration C. Lattice energy D. Ionization energy
5	Number of neutrons present in Cl are	A. $18$ B. $17$ C. $19$ D. $25$
6	The more positive the standard reduction potential	A. The stronger the reducing agent B. The weaker the oxidizing agent C. The stronger the oxidizing agent D. No effect
7	Which of the following is essential for hydrogen bond formation.	A. $\text{Hydrogen}$ bonded to a metal B. $\text{Hydrogen}$ bonded to high electronegative atoms F, O, or N C. $\text{Hydrogen}$ bonded to non polar atom D. $\text{Present of pi bond}$
8	The atomic radius generally ..... across a period in the periodic table.	A. $\text{Increase}$ B. $\text{Decreases}$ C. $\text{Remains constant}$ D. $\text{First increases then decreases}$
9	What is the ratio of volumes of $2\text{ g}$ of $\text{O}_2$ to the volume of $16\text{ g}$ $\text{CH}_4$ both volume are at STP	A. $1:1$ B. $1:8$ C. $1:2$ D. $2:1$
10	Electrolyte in electroplating of silver	A. $\text{AgNO}_3$ B. $\text{NaCl}$ C. $\text{CuSO}_4$ D. $\text{HNO}_3$
11	The pH scale ranges typically from	A. $1 - 10$ B. $0 - 14$ C. $-1$ to $1$ D. $7 - 14$
12	$\Delta H = q$ at constant	A. Pressure B. Energy C. Volume D. Temperature
13	At equilibrium	A. Products dominate B. Reactants dominate C. Forward and reverse rates are zero D. Forward rate = reverse rate

14	What is the role of a pressure cooker in boiling water.	<p>A. It lowers atmospheric pressure</p> <p>B. It allows water to evaporate quickly</p> <p>C. It increases external pressure raising boiling point</p> <p>D. It cools the steam</p>
15	When water freezes at 0 °C its density decreases due to.	<p>A. Cubic structure of ice</p> <p>B. Empty spaces present in the structure of ice</p> <p>C. Decrease in volume</p> <p>D. Decrease in viscosity</p>
16	What is the first step in the electrophilic addition reaction of alkenes.	<p>A. Formation of a carbocation</p> <p>B. Attack by nucleophile</p> <p>C. Attack by an electrophile on the double bond</p> <p>D. Formation of a free radical</p>
17	According to law of mass action rate of reaction is proportional to.	<p>A. Temperature</p> <p>B. Pressure</p> <p>C. Product of active masses</p> <p>D. Atomic mass</p>
18	Which of the following contains same number of particles as present in 12 g of carbon	<p>A. 28 g of iron (Atomic mass of Fe = 56)</p> <p>B. 48 g of magnesium (Atomic mass of Mg = 24)</p> <p>C. 32 g of S Molecules (Atomic mass S = 32)</p> <p>D. 44 g of carbon dioxide (molar mass of CO<sub>2</sub> = 44)</p>
19	Higher pressure increases rate for	<p>A. Solids</p> <p>B. Gases</p> <p>C. Liquids</p> <p>D. All phases</p>
20	Which of the following is a characteristic property of crystalline solids.	<p>A. They have a range of melting points</p> <p>B. They are isotropic</p> <p>C. They have a definite and sharp melting point</p> <p>D. They lack a regular arrangement of particles</p>