

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

Sr	Questions	Answers Choice
1	Which of the following is a unique optical property of liquid crystals.	A. They reflect ultraviolet light B. They are always opaque C. They are anisotropic D. They are isotropic
2	The change in internal energy is zero is.	A. Isothermal process B. Adiabatic process C. Exothermic process D. Endothermic process
3	The standard enthalpy of atomization of an element is always.	A. Negative B. Positive C. Zero D. Depend on element
4	A salt bridge is usually made from	A. Metallic wires B. Porous glass C. Inert salt solution in agar agar D. Hydrochloric acid
5	Which of the following statements about ideal gases is true.	A. they have strong intermolecular forces B. Their particles have significant volume C. Their volume is mainly due to particle size D. They have negligible intermolecular forces
6	Liquid crystals exhibit properties of	A. Only solid B. Only liquid C. Both solids and liquids D. Gases and solids
7	The mass of $1.55 \times 10^{23}$ atoms of Si	A. 0.5 g B. 8 g C. 0.7 g D. 0.6 g
8	Earthenware pots keep water cool because.	A. They are made of clay B. They reflect sunlight C. They absorb water D. They allow water to evaporate through pores
9	What intermediate is formed during the electrophilic addition of HBr to an alkene.	A. Carbonation B. Carbanion C. Radical D. Epoxide
10	In energy profile diagram a catalysts.	A. Increase activation energy B. Decreases activation energy C. Provide new pathway D. Both b and c
11	London dispersion forces are the only forces present among.	A. Molecules of water in liquid state B. Atoms of helium in gaseous state at high temperature C. Molecules of solid iodine D. Molecules of hydrogen chloride gas
12	How many subshells are present in M-Shell	A. 1 B. 2 C. 3 D. 4
13	The pH of a buffer doesn't change much when	A. Diluted with water B. Acid or base is added C. Heated D. Temp changes
14	Unit of k for second order reaction is	A. mol dm <sup>-3</sup> B. s <sup>-1</sup>

		C. mol <sup>-1</sup> dm <sup>3</sup> s <sup>-1</sup> D. mol <sup>-2</sup> dm <sup>6</sup> s <sup>-1</sup>
15	Oxidation number of oxygen in H <sub>2</sub> O	A. 1 B. -2 C. 0 D. +1
16	Catalyst used in Haber process is	A. Fe B. Pt C. Cu D. Zn
17	Which one of the following element has the highest ionization energy.	A. Argon B. Sodium C. Aluminium D. Magnesium
18	The expansion of liquids increase with temperature is	A. What happens to the kinetic energy of liquid molecules when cooled. B. Increases C. Remain unchanged D. Decreases, and the liquid may turn into solid E. Becomes Zero
19	The pK <sub>a</sub> value for HCOOH is.	A. 4.74 B. 3.78 C. 4.78 D. 4.24
20	sp <sup>3</sup> Hybridization is associated with structure.	A. Linear B. Tetrahedral C. Trigonal D. Octahedral