

Chemistry Fsc Part 1 Chapter 4 Online Test

Sr	Questions	Answers Choice
1	In order to mention the boiling point of water at 110 °C, the external pressure should be.	A. Between 760 torr and 1200 torr B. Between 200 torr and 760 torr C. 765 torr D. Any value of pressure
2	When water freezes at 0 °C, its density decrease due to.	A. Cubic structure of ice B. Empty spaces present in the structure of ice C. Change of bond lengths D. Change of bond angles
3	NH ₃ shows a maximum boiling point among the hydrides of the group V elements due to.	A. Very small size of nitrogen B. Long pair of electrons present on nitrogen C. Enhanced electronegative character of nitrogen D. Pyramidal structure of NH ₃
4	Select the correct answer out of the following alternative suggestions London dispersion forces are the only forces present among the.	A. Molecules of water in liquid state B. Atoms of helium in gaseous state at high temperature. C. Molecules of solid I ₂ D. Molecule of H-Cl gas
5	The molecules of CO ₂ in dry ice form the.	A. Ionic crystals B. Molecular crystals C. Amorphous D. Covalent crystals
6	Diamond is bad conductor because.	A. It has a tight structure B. It has a high density C. It is transparent to light D. There are no free electrons present in the crystal of diamond to conduct electricity.
7	The lowest value of lattice energy is for which one of these ionic compounds.	A. NaI B. NaF C. NaBr D. NaCl
8	Ionic solids are characterized by.	A. Low melting point B. Good conductivity in solid state C. High vapour pressure D. Solubility in polar solvent
9	Crystal to diamond is.	A. Ionic B. Molecular C. Covalent D. Metallic
10	Allotropy is the property of.	A. Compound B. Element C. Atom D. Mixture
11	Which is pseudo solid	A. CaF ₂ B. Glass C. NaCl D. CaCl ₂
12	NH ₃ shows a maximum boiling point among the hydrides of V-A group elements due to.	A. Very small size of nitrogen B. Lone pair of electron present on nitrogen C. enhanced electronegative character of nitrogen D. Pyramidal structure of NH ₃
13	The boiling point of pure water at 1 atm pressure is.	A. 98 °C B. 100 °C C. 69 °C D. 120 °C
14	The boiling point of water at Murree Hills.	A. 90 °C B. 98 °C

	The boiling point of water at mount Everest is.	C. 100 ^o C D. 120 ^o C
15	The boiling point of water at the top mount Everest is.	A. 59 ^o C B. 69 ^o C C. 83 ^o C D. 75 ^o C
16	The distillation of liquid under reduced pressure is called.	A. Destructive distillation B. Vaccum distillation C. Simple distillation D. Fractional distillation
17	The boiling point of glycerin at one atm is.	A. 280 ^o C B. 290 ^o C C. 100 ^o C D. 110 ^o C