

Chemistry Fsc Part 1 Online Test

Sr	Questions	Answers Choice
1	Which of the given has hydrogen bonding.	A. CH ₄ B. CCl ₄ C. NH ₃ D. NaCl
2	Acetone and chloroform are soluble in each other due to.	A. Intermolecular hydrogen bonding B. Dipole dipole interaction C. Instantaneous dipoles D. All of the above
3	London dispersion force 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. Molecule of solid iodine D. Molecules of hydrogen chloride gas
4	Dipole-dipole forces are present among.	A. Molecules of Iodine B. Atoms of Neon i gaseous state C. Chloroforms' molecules D. CCl ₄ molecules
5	The temperature of natural plasma is about.	A. 200000 ^o C B. 10000 ^o C C. 5000 ^o C D. 1000 ^o C
6	A real gas obeying Van der Waal's equation will resemble ideal gas if.	A. Both a and b are large B. Both a and b are small or zero C. A is small and b is large D. A is large and b is small
7	The deviation of a gas from ideal behavior is maximum at.	A. -10 ^o C and 5.0 atm B. -10 ^o C and 2 atm C. 0 ^o C and 2 atm D. 100 ^o C and 2 atm
8	Which of the following will have highest rate of diffusion	A. O ₂ B. CO ₂ C. NH ₃ D. SO ₂
9	The spreading of fragrance of a rose or scent in air is due to.	A. Effusion B. Diffusion C. Osmosis D. Evaporation
10	Feeling uncomfortable breathing in un pressurized cabins is due to	A. High pressure of CO ₂ B. Fatigue C. Low pressure of O ₂ D. Low presssure of CO ₂
11	The partial pressure of oxygen in lungs is	A. 760 torr B. 320 torr C. 159 torr D. 116 torr
12	The commonly used unit of pressure by meteorologists is.	A. Atmosphere B. Pascal C. Milli D. Pound inch ³
13	Vapour pressure of liquid depends upon	A. Amount of liquid B. Surface area C. Temperature D. Size of container
14	Partial pressure of oxygen in the air is.	A. 156 torr B. 157 torr C. 158 torr D. 159 torr
15	Pressure remaining constant at which temperature the volume of a gas will come twice of what it is at 0 °C	A. 546 ^o C B. 200 ^o C C. 546 K D. ---

D. 273 K

16 Mass of 22.4 dm³ of N₂ at STP is.

- A. 28 gm
B. 14 gm
C. 1.4 gm
D. 2,8 gm

17 The molar volume of CO₂ is maximum at.

- A. STP
B. 127 °C and 1 atm
C. 0 °C and 2 atm
D. 273 °C and 2 atm