

PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	Used in TV sets and sound movies to give ready response to electrical potential	A. He B. Ne C. Ar D. Kr
2	Neon is used in neon signs for advertising purpose because.	A. Neon lights are visible from long distance B. Neon light are visible though fog & mist C. Both A and B D. None of the above
3	To increase the life of filament and to low the heat conductivity a mixture in filled in electric bulb.	A. Ar & N ₂ B. Ar & Kr C. Kr & N ₂ D. Xe & N ₂
4	Used in Geiger counter to detect radioactivity	A. He B. Ne C. Ar D. Kr
5	Argon is used in filling of.	A. Discharge tubes B. Luminous tube C. Fluorescent tubes D. None of above
6	Used in producing intense light in cinematography	A. Xenon B. Krypton C. Radon D. Helium
7	Used in filling luminous tubes.	A. Xenon B. Krypton C. Radon D. Helium
8	The noble gases are used due to having property	A. Chemical inertness B. Low boiling point C. Any of a or b D. Both a and b
9	Of all the noble gases, easily available gases are	A. He & Ar B. He & Ne C. Ne & Ar D. Xe & Kr
10	In XeF ₂ molecules, Xe atom undergoes hybridization	A. sp ² B. sp ² C. sp ³ D. sp ³ d
11	Xenon hexafluoride at 47.7 °C is	A. Colorless solid B. yellow solid C. Yellow liquid D. Colorless liquid
12	Explosive trioxide XeO ₃ is produced when	A. XeOF ₄ reacts with water B. XeOF ₄ reacts with silica C. XeF ₄ reacts with water D. Any of above statements
13	One of the best fluorinating agent is	A. XeF ₂ B. XeF ₄ C. XeF ₆ D. None of above
14	XeF ₄ is obtained, when a mixture of Xenon and fluorine in the ratio is heated in a nickel vessel at 400 °C	A. 1 : 3 B. 5 : 1 C. 1 : 20 D. 1 : 5
15	Xenon difluoride is obtained by irradiating a mixture of xenon and fluorine with light from a high pressure.	A. Mercury arc B. Tungsten arc C. Xenon arc D. None of above

		D. None of above
16	The inert gasses AR, Ka, and Xe form solid compounds with certain organic molecules under pressure..	A. Halides B. Hydrates C. Clathrates D. All of above
17	The inert gases Ar, Kr and Ke form compounds with water at low temperature and high pressure. These compounds are called.	A. Halides B. Hydrates C. Clathrates D. All of above
18	Radon is obtained only in the radioactive decay of	A. Radium B. Thorium C. Actinium D. Any of above
19	Helium contents in the atmosphere by volume.	A. 0.0005% B. 0.0015% C. 0.0001% D. 0.00001%
20	The noble gases are found in the atmosphere to the extent of about some percent by volume.	A. 0.5% B. 1.0% C. 1.5% D. 2.0%