

## PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	The noble gas which was discovered first in the sun and then on the earth is.	A. Helium B. Neon C. Argon D. Xenon
2	The concept of telluric helix was developed by	A. Lothar Meyer B. A.E. de Chancourtois C. Newlands D. Doberiner
3	Which is incorrect statement for Xe F <sub>2</sub> .	A. It has linear structure. B. It is hydrolyzed rapidly in aqueous solution of a base C. It oxidizes Cl and I to Cl <sub>2</sub> and I <sub>2</sub> respectively D. It cannot act as F donor
4	The aluminium salt commonly used to stop bleeding is	A. Aluminium sulphate B. Potash Alum C. Aluminium chloride D. Aluminium fluoride
5	The vapours attack the eyes and mucous membrane of nose and throat	A. F B. Cl C. I D. Br
6	The element having electronic configuration 1s <sup>2</sup> , 2s <sup>2</sup> , 3s <sup>2</sup> , 3p <sup>3</sup> is.	A. Trivalent only B. Tetravalent only C. Trivalent and pentavalent D. Pentavalent only
7	Which of the following is not an ore of iron.	A. Haematite B. Magnetite C. Siderite D. Monazite
8	The electronic configuration of some elements are given below. The element with highest electron affinity is	A. 1s <sup>2</sup> , 2s <sup>2</sup> , 2p <sup>3</sup> B. 1s <sup>2</sup> , 2s <sup>2</sup> , 2p <sup>4</sup> C. 1s <sup>2</sup> , 2s <sup>2</sup> , 2p <sup>5</sup> D. 1s <sup>2</sup> , 2s <sup>2</sup> , 2p <sup>6</sup>
9	The pH of the tears is	A. 7.0 B. 7.4 C. 7.8 D. 8.2
10	The most common oxidation state of alkaline earth metals is.	A. +1 B. +2 C. -2 D. -1
11	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%
12	Which of the following is not known.	A. KrF <sub>6</sub> B. XeF <sub>6</sub> C. XeO <sub>3</sub> D. KrF <sub>2</sub>
13	Of the molecules, SF <sub>4</sub> , XeF <sub>4</sub> , and CF <sub>4</sub> which has square planar geometry.	A. SF <sub>4</sub> , XeF <sub>4</sub> and CF <sub>4</sub> B. SF <sub>4</sub> only C. CF <sub>4</sub> only D. XeF <sub>4</sub>
14	Which of the following elements of group 15 is a typical metal.	A. P B. As C. Bi D. Sb
15	A trend which is common to elements of both the group IA and group VII A ongoing from top to bottom.	A. Boiling point increases B. Electron affinity increases C. Oxidizing power increases

		D. Ionization energy decrease
16	Pick out the incorrect statement about $K_2Cr_2O_7$	A. It is thermally stable B. It dissolves in alkali to form chromate C. It oxidizes acidified $FeSO_4$ solution to $Fe_2(SO_4)_3$ D. It is used as cleansing agent for glassware, etc. when mixed with cold conc. $H_2SO_4$
17	$AlCl_3$ is used in	A. Manufacturing of petrol B. In borax bead test C. Preservation of food D. All above
18	Metallic bond is treated essentially as in character	A. Ionic B. Covalent C. Polar D. Non polar
19	Compounds formed when noble gases get entrapped in the cavities of crystal lattices of certain organic and inorganic compounds are called.	A. Interstitial compounds B. Hydrates C. Clathrates D. Picrates
20	A colorless gas with pleasant odour and sweet taste.	A. $N_2O$ B. $N_2O_3$ C. $NO$ D. $N_2O_4$