

## PPSC Chemistry Part III Inorganic Chemistry Online Test

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Sr	Questions	Answers Choice
1	Flourine differs from the other members of its own group due to.	<ul> <li>A. Its small size and low bond energy</li> <li>B. Its higher electornegativity</li> <li>C. None-availability of d-orbitals in its valence shell</li> <li>D. All the above</li> </ul>
2	Which of the following gas is lightest.	A. Dihydrogen B. Helium C. Dinitrogen D. Dioxygen
3	The correct order of increasing polar character is.	A. H2O &It NHE &It H2S &It HF B. H2S &It NH3 &It H2O &It HF C. NHE &It H2O &It HF &It H2O D. HF &It H2O &It NH3 &It H2S
4	A mixture of weak acid and its salt is.	<ul><li>A. Alkaline buffer</li><li>B. Acidic buffer</li><li>C. Neutral buffer</li><li>D. All of above</li></ul>
5	Lime water is an aqueous solution of.	A. MgSO4 B. Ca (OH)2 C. CaCO3 D. CaSO4
6	Which of the following reacts with excess oxygen to form a normal oxide.	A. Li B. Na C. K D. Rb
7	Which of the following has highest ionization energy.	A. Oxygen B. Argon C. Barium D. Caealum
8	Which of the following statement is not correct.	A. The element with highest IE belongs to group 18 B. In each period the element with lowest IE belongs to group I C. In each period the element with highest IE is a noble gas D. In the second period as we move from left to right, ionization energy increases regularly.
9	Which of the following statements is not true about potash alum.	A. Its empirical formula is KAI (SO4)2 12H2O B. Its aqueous solution is basic in nature C. It is used in dyeing industry D. On heating it melts in its water of crystallization
10	Which of the following has the maximum ionic character.	A. HF B. HCI C. HI D. HBr
11	Aluminium hydroxide is.	A. An acid B. An amphoteric hydroxide C. A base D. An explosive hydroexide
12	H-Bonding also ox in ling system like	A. Protein B. DNA C. Botha A and B D. None of above
13	Carbon in wrought iron is present as	A. Silicon carbide B. Iron carbide cementite C. Graphite D. Partly as iron carbide and partly as graphite

14	In each period the element with lest electron affinity belongs to.	A. Group 1 B. Group 14 C. Group 17 D. Group 18
15	The electronegativity of phosphorus is.	A. 3.0 B. 2.1 C. 2.0 D. 1.9
16	Among the elements of third period, the element with lowest boiling point belongs to group.	A. 1 B. 14 C. 16 D. 18
17	The name hydrogen was proposed by.	A. Lavoisier B. Rutherford C. Henry Cavandish D. Scheele
18	Strength of H bond in inter mediate between	A. Van der Waals forces and covalent bond B. Ionic and covalent bond C. Ionic and metallic bond D. Metallic and covalent
19	Monel metal is a alloy of Ni which constrains Ni uptown	A. 50% B. 60% C. 70% D. 80%
20	In the electrolysis of alumina, cryolite is added to.	A. Lower the melting point of alumina B. Increase the electric la conductivity C. Minize anodize affect D. Remove impurites from alumina