

PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	Increasing oxygen contents in oxyacids leads to.	A. An increase in thermal stability B. An increase in acid strength C. A decrease in oxidizing power D. All above
2	Which of the following ions is smallest in size.	A. F- B. Cl- C. I- D. Br-
3	The pH of the 1.3×10^{-4} NH_4Cl is	A. 1.3 B. 4.0 C. 2.886 D. 3.886
4	Formula of orthophosphoric acid.	A. H_2PO_4 B. H_3PO_3 C. H_3PO_2 D. $\text{H}_4\text{P}_2\text{O}_5$
5	The concept is also known as electron pair donor acceptor system.	A. Bronsted Lowery B. Lewis C. Lux -Flood D. Usanovich
6	Variable oxidation states is shown by	A. Normal elements B. Metallic elements C. Non metallic elements D. Transition elements
7	Which of the following is not a property of aluminium.	A. An efficient electrical conductor B. A low density compared to other metals C. Is amphoteric D. Toxic to humans
8	The formula of copper pyrite is.	A. CuFeS B. CuFeS_2 C. Cu_2FeS D. $\text{Cu Fe}_2\text{S}$
9	Which element among the following cannot exhibit variable electronvalency	A. ^{29}Cu B. ^{50}Sn C. ^{25}Mn D. ^{38}Sr
10	If the absorbed light is green the transmitted light will be	A. Purple B. Orange C. Violet D. Black
11	The solution of NaOH pH -10.46 contain $[\text{OH}^-]$	A. 2.0×10^{-4} B. 4.6×10^{-4} C. 4.6×10^{-2} D. 4.6×10^{-3}
12	Which of the following property is not related to aluminum.	A. it is silvery white metal with brilliant lusture B. It is a very light metal with specific gravity as 2.7 C. It is good conductor of heat D. It is the least reactive element of III Group.
13	H-Bonding also exists in living system like	A. Protein B. DNA C. Both A and B D. None of above
14	Which of the following steps is involved in the metallurgy of aluminium.	A. Purification of bauxite B. Electrolytic reduction of alumina C. Refining of aluminum D. All above

15	Which one of the following is not formed when an electric discharge passes through helium.	A. HeH^+ B. HeH_2^+ C. He_2^+ D. He_2^-
16	Sodium silicate is used	A. In fire proofing of wood and textiles B. As a preservative of eggs C. As a furniture polish D. All above
17	Since the acid gives both acidic and normal salts so the acid is.	A. di acid B. di basic C. double salt D. Any of above
18	The geometry of the molecule is primarily decided by	A. Bond pairs around the central atom B. No of π bond around the central atom C. No of bond pairs as well as lone pairs around the central atom D. No. of lone pairs on central atom
19	The elements with highest electron affinity belongs to.	A. Period 2 , group 17 B. Period 3, group 17 C. Period 2, group 18 D. Period, 2 , group 1
20	SO_2 acts as	A. Lewis base B. Lewis acid C. Both A and B D. None of above