

PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	Which of the following steps are involved in the extraction of copper.	A. Roasting B. Smelting C. Refining D. All
2	Commercial or the phosphoric acid is pure.	A. 37.0% B. 82.98% C. 88.25% D. 90.12%
3	Which of the following statements is wrong.	A. Covalent compounds are generally soluble in polar solvents B. Covalent compounds have low melting and boiling point. C. Ionic solids do not conduct electricity in solid state D. Ionic compounds conduct electricity in the fused state.
4	Nitric acid is used in manufacturing of.	A. Explosive B. H ₂ SO ₄ C. Fertilizer D. All above
5	Arrange the following in order of increasing boiling point.	A. CH ₃ OH < CH ₃ Cl < RbCl < CH ₄ B. CH ₃ OH < CH ₄ < CH ₃ Cl < RbCl C. RbCl < CH ₃ Cl < CH ₃ OH < CH ₄ D. CH ₄ < CH ₃ Cl < CH ₃ OH < RbCl
6	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
7	The carbonate of which of the following will have highest lattice energy.	A. Barium B. Magnesium C. Calcium D. Strontium
8	Considering the elements B, C, N, Si, and Ge, the correct order of their non-metallic character is.	A. B > C > Si > N > F B. Si > C > B > N > F C. F > N > C > B > Si D. F > N > Si > B
9	Elements in the same vertical group of the periodic table have same	A. Number of electrons B. Atomic number C. Number of valence electrons D. Electronic configuration
10	The formula of copper pyrite is.	A. CuFeS B. CuFeS ₂ C. Cu ₂ FeS D. Cu ₂ Fe ₂ S
11	Considering the elements B, Al, Mg and K, the correct order of their metallic character is.	A. B > Al > Mg > K B. Al > Mg > B > K C. Mg > Al > K > B D. K > Mg > Al > B
12	Which of the following elements reacts with excess oxygen to form peroxides.	A. Ca B. Mg C. Li D. Ba
13	Inert pair effect is best shown by	A. Si B. Z C. Sn D. Pb
14	In the Aluminothermite process, aluminium acts as.	A. An oxidizing agent B. A reducing agent

		C. A flux D. A Solder
15	In the metallurgy of iron, when limestone is added to the blast furnace, the calcium ion ends up in.	A. Slag B. Gangue C. Metallic calcium D. Calcium carbonate
16	Which of the following does not form stable diatomic molecule.	A. Nitrogen B. Phosphorus C. Hydrogen D. Oxygen
17	Which of the following are neutral ligands.	A. NH ₃ B. H ₂ O C. CO & NO D. All of above
18	For the respiration of sea divers mixture is used.	A. He & O ₂ B. Ar & O ₂ C. Ne & O ₂ D. Kr & O ₂
19	Pick out the incorrect statement about K ₂ Cr ₂ O 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 ₂ SO ₄
20	Which of the halogens has lowest bond energy.	A. Cl ₂ B. Br ₂ C. F ₂ D. I ₂