

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	Arrange the following in order of increasing boiling point.	A. CH3OH ⁢ CH3Cl ⁢ RbCl ⁢ CH4 B. CHOH ⁢ CH4 ⁢ CH3Cl ⁢ RbCl C. RbCl ⁢ CH3Cl ⁢ CH3OH ⁢ CH4 D. CH4 ⁢ CH3Cl ⁢ CH3OH ⁢ RbCl
3	All the strong acids have very close pKas value and they appear to have nearly equal strengths in aqueous solutions. The phenomenon is called as.	A. Levelling effect B. Differnetiating effect C. Levelling solvent D. Differnetiating solvent
4	The bonding of transition metal complex was not well understand until the pioneer work of.	A. Ps JAISWAL B. GS MANKU C. BR thukral D. Alfred Weriner
5	When borax is strongly hented, it gives	A. B2O4 B. Na2B4O7 C. NaBO2 D. NaBO2 + B2O3
6	Berllium has diagonal relationship with	A. Li B. Al C. B D. Na
7	Pi bond is formed	A. By the overlapping of atomic orbitals on internuclear axis B. By transference of electrons C. By sidewise overlapping to half filled p orbitals D. By overlapping of s-orbitals with p orbitals
8	Aluminothermy used for on the spot welding of large iron structures is based upon the fact that.	A. As compared to iron, aluminium has greatest affinity for oxygen. B. As compared to aluminium, iron has greater affinity for oxygen C. Reaction between aluminim and oxygen endothermic D. Reaction between iron and oxygen is endothermic
9	VBT is unable to explain the nature of some of the complexes of.	A. Cobalt B. Copper C. Nickle D. Manganese
10	Of the following an amphoteric hydroxide is.	A. Ca(OH)2 B. NaOH C. Be (OH)2 D. Li OH
11	The pH of milk is	A. 6.0 B. 6.5 C. 7.0 D. 7.5
12	In graph of atomic volume versus atomic weight the elements corresponding to peaks in the curve belong to.	A. Group 1 B. Group 18 C. Group 4 <div> D. Group 14</div>
13	Calcium cyanamide on treatment with steam under pressure gives NH3 and	A. Calcium carbonate B. Calcium hydroxide C. Calcium oxide

		D. Calcium dicardonate
14	Excluding H-atom , Hydrogen bond never involves more than atoms.	A. One B. Two C. Three D. Four
15	What % if nickel is present in the major ore Pentlandite.	A. 22% B. 18% C. 14% D. 10%
16	Which of the following pentahalides is not formed.	A. NF5 B. PF5 C. AsF5 D. BiF5
17	Which of the following has the maximum tendency to form complexes.	A. K B. Na C. Rb D. Li
18	Helium oxygen mixture is used by deep sea divers in preference to nitrogen oxygen mixture, because.	A. Helium is much less soluble in blood than nitrogen B. Nitrogen is much less soluble in blood than helium C. Due to high pressure deep under the sea, nitrogen and oxygen react to give poisonous nitric oxide. D. Nitrogen is highly soluble in wateer
19	CoCl3 ,6NH3 has six NH3 molecules that satisfy the valency of the Cu3+ metal ion	A. Primary B. Secondary C. Both A and B D. None of above
20	The value of Kw increase with temperature because the ionization of water.	A. Positive B. Negative C. Endothermic D. Exothermic