

PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	The polarity of bonds can lead to polarity of molecules and affect	A. Melting point B. Boiling point C. Solubility D. All of above
2	The ionization potential of K would be numerically equal to.	A. Electron affinity of Ar B. Electromagnetically of K C. Electron affinity of K+ D. ionization energy of Ca
3	Amorphous boron on burning in air form	A. B(OH) ₃ B. Only B ₂ O ₃ C. Only BN D. Mixture of B ₂ O ₃ and BN
4	The colour imparted by lithium to the flame is.	A. Golden yellow B. Grasay green C. Violet D. Red
5	Sodium react more vigorously than lithium because.	A. It is a metal B. It has higher atomic mass C. It is more electronegative D. It is more electropositive
6	Catenation is a process of.	A. Formaton of cations B. Deposition of cations C. Formation of long chain of identical atoms D. Formation of covalent bond
7	The oxidation state of Pt in Xe+ [Pt F ₆] is	A. +4 B. +5 C. +6 D. None of these
8	HClO evolves Cl ₂ and O ₂ when dissolve	A. Ca B. Ni C. Cu D. Any of above
9	In which property listed below hydrogen does not resemble alkali metals.	A. Tendency to form cation B. Nature of oxide C. Combination with halogens D. Reducing character.
10	The number used in cancer therapy is.	A. Fe B. Co C. Ni D. Rn
11	Transition elements, in general exhibit the following properties, except one Name that property.	A. Variable oxidation state B. Natural radioactivity C. Tendency to form complexes D. Formation of alloys
12	A ⁰ or 10 Dq is called crystal field.	A. Energy B. Splitting energy C. Stabilization energy D. None of above
13	Type of hybrid orbitals used by the chloirine atom in ClO ₂ is.	A. sp ² B. sp ³ C. sp D. None of these
14	In B ₂ H ₆ molecule	A. There exists a direct B-B a -bond B. All the atoms are in one plane C. All the B-H bonds are normal covalent bonds D. There exist two bonds between the boron atoms.
		A. Free

15	Oxygen and sulphur exist in state	B. Combined C. _{Both free & combined} D. None of above
16	The ions Sc^{3+} , Ca^{2+} and K^{+} have same electronic configuration as that of.	A. Neon B. Argon C. Krypton D. Xenon
17	Oxidation state of the chromium $[\text{Cr}(\text{NH}_3)_6]^{3+}$ complex ion is	A. +2 B. +3 C. +4 D. +5
18	Which of the following hydroxides has the maximum solubility in water.	A. $\text{Mg}(\text{OH})_2$ B. $\text{Ca}(\text{OH})_2$ C. $\text{Sr}(\text{OH})_2$ D. $\text{Ba}(\text{OH})_2$
19	In extraction of iron, the furnace charge consists of iron ore, coke and limestone. The function of limestone is to act as.	A. An oxidation agent B. A reducing agent C. Flux D. Slag
20	Which of the following elements of group 15 is a typical metal.	A. P B. As C. Bi D. Sb