

PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	Which of the following elements has the highest melting point.	A. Magnesium B. Calcium C. Strontium D. Beryllium
2	Group IV A consist of elements	A. 3 B. 4 C. 5 D. 6
3	Ammonia is utilized for	A. Manufacture of urea B. Oxidation to nitric acid C. Manufacture of ammonium sulphate D. All above
4	The most abundant metal in earth's crust is.	A. Fe B. Al C. Ti D. Ca
5	Phosphorus normally exhibit a covalency of.	A. +1 and +2 B. +2 and +3 C. +3 and +4 D. +4 and +5
6	Sodium reacts with excess of oxygen to form	A. Na ₂ O B. NaO ₂ C. Na ₂ O ₂ D. NaO
7	In the formation of H ₂ O molecule, the oxygen atom makes use of.	A. 2p orbitals B. sp hybrid orbitals C. Sp ² hybrid orbitals D. Sp ³ hybrid orbitals
8	The only oxidation state of alkali metals in their compounds is.	A. +1 B. +2 C. -1 D. 0
9	Ground state electronic configuration of valence shell in N ₂ molecule is written as (σ _{2s}) ² , (σ* _{2s}) ² , (π sp) ⁴ , (σ _{2p}) ² . Hence, the bond order of N ₂ molecule is.	A. 1 B. 2 C. 3 D. 0
10	pH of pure water at 25 °C. $K_w = 1 \times 10^{-14}$	A. 0 B. 7 C. 14 D. None of above
11	Metals are	A. Transparent B. Translucent C. Opaque D. None of above
12	Most electronegative element is.	A. C B. Si C. Pb D. Sn
13	The three isotopes of hydrogen differ from one another in	A. Atomic number B. Number of protons C. Nuclear charge D. Nuclear mass
14	Which metal can produce dihydrogen gas by reaction with dil H ₂ SO ₄	A. Ag B. Fe C. Cu D. Pt
15	Which of the following has the highest melting point.	A. NaCl B. KCl C. MgO D. CaO

16	Elements in the same vertical group of the periodical have same	A. Number of electron B. Atomic number C. Number of valence elections D. Electronic configuration
17	In coordination chemistry the donor atom of a ligand is.	A. A Lewis acid B. The counter ion C. The central metal atom D. The atom in the legend that shares an electron pair with the metal
18	When a lead a storage battery is discharged .	A. SO ₂ is evolved B. PbS is consumed C. Pb is formed D. H ₂ SO ₄ is consumed
19	Which element among the following cannot exhibit variable electronvalency	A. ₂₉ Cu B. ₅₀ Sn C. ₂₅ Mn D. ₃₈ Sr
20	Hydrometallurgy of copper involves extraction of copper from poor ores by which process.	A. Dry process B. Wet process C. Both dry and wet process D. None of these