

PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	Colour in transition metal compounds in attributed to	A. Small sized metal ions B. Absorption of light in UV region C. Complete ns sub shell D. incomplete (n-1) sub shell
2	Which of the following steps are involved in the extraction of copper.	A. Roasting B. Smelting C. Refining D. All
3	Argon is used in filling of.	A. Discharge tubes B. Luminous tube C. Fluorescent tubes D. None of above
4	Which of the following is not an alkali metal	A. Rb B. Sb C. Cs D. Fr
5	The configuration of valence shell of certain atom X is $3s2$, $3p5$, which valences can it exhibit.	A. 1,3 only B. 1,5 only C. 1,3,5,7 D. 1,3,4
6	Which of the following is the strongest oxidant.	A. F2 B. Cl2 C. br2 D. l2
7	The hybridization of S in SO2 is.	A. sp B. sp2 C. sp3 D. dsp2
8	In which pair of species, the Lewis formula contain same number of Lone pairs and bond pairs but they are not iso electronci.	A. O2 B2 B. SO2, O3 C. PCI3, BF3 D. SOCI2, COCI2
9	The ions Sc3+ , Ca2+ and K+ have same electronic configuration as that of.	A. Neon B. Argon C. Krypton D. Xenon
10	Which of the following ahs non zero dipole moment.	A. NH3 B. SF6 C. BF3 D. CO2
11	Zero group elements are called as	A. Inert gases B. Rare gases C. Noble gases D. All of above
12	Which of the following statement is not true regarding Open Hearth process.	A. No iron is lost B. The process is economical and simple C. Steel obtained is of high quality D. Scrap iron cannot be used in this process.
13	The interactions in HF are.	A. dipole dipole interasctions B. Hydrogen bonds C. dipole -dipole and dispersion forces D. Hydrogen bond and diapersin forces
14	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

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15	Which of the following elements has the highest ionization energy.	A. Na B. Si C. Ar D. Cl
16	Carbides because of their hardness are	A. lonic carbides B. Interstitial carbides C. covalent carbides D. Any of above
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 meta
18	Used in producing intense light in cinematography	A. Xenon B. Krypton C. Radon D. Helium
19	iodine is used as a	A. Photography B. Manufacture of dyes C. Analgesic D. All above
20	Which of the following is not true of ozone.	A. It is a strong electilizing agent B. It attacks organic compounds containing carbon carbon double bond C. Its molecular is linear and has two different O-O bond lengths D. It is more powerful oxidising agent at molecular oxygen