

PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	Strong field ligands such as CN	A. Usually produce high spin complexes and small crystal field splitting B. Usually produce low spin complexes and small crystal field splitting C. Usually produce low spin complexes and high crystal field splitting D. Cannot form low spin complexes
2	Concentrated aqueous sodium hydroxide can separate a mixture of.	A. Al3+ and Sn2+ B. Al3+ and Fe3+ C. Al3+ and Zn2+ D. Zn2+ and Pb2+
3	The valence shell electronic configuration of group III A is.	A. ns1 p2 B. ns2 p1 C. ns3p2 D. ns2p2
4	In German Silver copper is alloyed with which metal.	A. Zn B. Ni C. Ai D. Zn and Ni
5	Principal constituents of noble gases is	A. Argon B. Neon C. Xenon D. Helium
6	The penultimate shells have pscudo inert gas type configuration.	A. Ga B. In C. TI D. All above
7	Nitrogen (N2)) is relatively unreactive because.	A. Its electronegativity is high B. Its dissociation energy is large C. Its atomic radius is small D. It is the first element of group 15
8	Phosphorus has the oxidation state of +3 in	A. Orthophosphoric acidB. Hypophosphoric acidC. Metaphosphoric acidD. Orthophosphorus acid
9	Oxides ores of Aluminium	A. Corundum B. Bauxite C. Diaspore D. All above
10	Which metal can produce dihydrogen gas by reaction with dil H2SO4	A. Ag B. Fe C. Cu D. Pt
11	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
12	Elements of group 14 have the electronic configuration of their outer shell as	A. ns2 np3 B. ns2 np2 C. ns2 np6 D. ns2
13	The most reactive alkali metal among the following is	A. Li B. Na C. Cs D. Rb
14	Which of the following elements has the highest density.	A. Mg B. Na C. K D. Rb

15	Pick out incorrect statement regarding HF	A. It is used for making chlorofluorocarbon used as refrigerating fluids and as propellants in aerosols B. It is used in making ASIF3 and synthetic cryolite C. Aqueous HF is used for etchine glass D. HF does not react with B2O3 even in presence of conc. H2SO4
16	Fluorine form Fluorides reacting with	A. MetalsB. Non metalsC. MetalloideD. Any of above
17	The process of heating to redness and then slow cooling in known as	A. Tempering B. Annealing C. <blockquote style="margin: 0 0 0 40px; border: none; padding: 0px,">Quenching</blockquote> D. Hardening
18	The maximum covalence of an element equal to.	A. The number of unpaired d electrons B. The number of paired p electrons C. The number of unpaired a and P electors D. The actual number of a and P electrons in the outermost shell
19	Which of the halogens has lowest bond energy.	A. Cl2 B. Br2 C. F2 D. l2
20	Aluminium halides is.	A. White crystalline solid B. Hygroscopic C. Sublimes at 180 ^o C D. All above