

PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	Which of the following compounds combines with hemoglobin.	A. CO2 B. CO C. NO D. N2
2	Reacts violently with water	A. AIH3 B. AICl3 C. Lia IH4 D. Al2Cl6
3	In the Lewis formula of which of the following species, the number of single double and dative bonds are equal	A. N2O5 B. HNO3 C. SO2 D. SOCI2
4	A trend which is common to elements of both the group IA and group VII A ongoing from top to bottom.	A. Boiling point increases B. Electron affinity increases C. Oxidizing power increases D. Ionization energy decrease
5	Of the molecules, SF4 Xe F4 and CF4 which have square planar geometry.	A. SF4, Xe f4 and CF4 B. SF4 only C. CF4 only D. XeF4 only
6	Which of the following property is not related to aluminum.	A. it is silvery white metal with brilliant lusture B. It is a very light metal with specific gravity as 2.7 C. It is good conductor of heat D. It is the least reactive element of III Group.
7	Of all the noble gaes, easily available gases are	A. He & Ar B. He & Ne C. Ne & Ar D. Xe & Kr
8	The maximum absorption in [Ti(OH)2)6 3+ take place at wavelength of.	A. 4000 A ^o B. 5000 A ^o C. 6000 A ^o D. 10000 A ^o
9	On industrial scale chlorine is prepared by	A. Dennis method B. Deacon's process C. Plantner's process D. Aludels process
10	The force responsible for dissolution of ionic compounds in water are	A. Hydrogen bonds B. lon dipole forces C. lonic bonds D. Van Der Waal forces
11	Aluminium is used for.	A. Making ultensile & Department of the Amp; framea B. Making alloys C. Reducing agent D. All above
12	Which of the following state is not true with respect to copper.	A. it is malleable and ductile B. It is a best conductor of heat and electricity C. It forms alloys easily D. Moltan copper absorbed carbon dioxide
13	Which of the following is a pseudohalide.	A. 13- B. IF7 C. CN- D. ICI
14	Which of the following has highest ionization energy.	A. Oxygen B. Argon C. Barium D. Caealum

15	The penultimate shell of carbon contains electrons.	A. s2 B. s2p6 C. s2p6d10 D. s2p6d8
16	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
17	To increase the life of filament and to low the heat conductivity a mixture in filled in electric bulb.	A. Ar & N2 B. Ar & Kr C. Kr & N2 D. Xe & N2
18	The bond length is measured by	A. X-ray diffraction B. Neutron diffraction C. Microwave spectroscopy D. All of above
19	The correct order of thermal stabilities of hydriedes of group 15 is.	A. NH3 > PH3 > AsH3 > BiH3> SbH3 B. NH3 > PH3 >AsH3 > SbH3> BiH3 C. NH3 < PH3 < SbH3 > AsH3 > BiH3 D. BiH3 > Sb H3 > AsH3 > PH3 > NH3
20	Xenon reacts best with	A. The most electropositive elemen B. The most electronegative elements C. The hydrogen halides D. Non metals