PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	NH3 has a not dipole moment while BF3 has zero dipole moment Thsi is because.	A. NH3 is not a planar molecule while BF3 is a planar molecule. B. NH3 is a planar molecule, while BF3 is a planner molecule. C. Fluorine is more electronetative than nitrogen D. Born is more electronegative than nitrogen
2	Which of the following process is used for the conversion of matte is to nickel.	A. Orford process B. Mond's process C. Electrolytio process D. All
3	Which ionization Potential in the following equations involves the greatest amount of energy.	A. Na = Na+ + e B. K = K+ +e C. C2+ = C3+ +e D. Ca+ = Ca2+ + e
4	Amorphous boron on burning in air form	A. B(OH)3 B. Only B2O3 C. Only BN D. Mixture of B2O3 and BN
5	Excluding H-atom , Hydrogen bond never involves more than atoms.	A. One B. Two C. Three D. Four
6	The common oxidation state of elements of group V A is.	A. -3 B. +3 C. +5 D. Any above
7	Which one of the following statement is incorrect in relation to ionization enthalpy.	A. Ionization enthalpy increase for each successive electron B. The greatest increase in ionization enthaly is experienced on removal of electron from core noble gas configuration C. End of the valence electron is marked by a big jump in ionization enthalpy D. Removal of electron from orbitals bearing lower value to easier than from orbital having highest n value.
8	What types of bonding occurs in d-block elements.	A. Ionic B. Covalent C. Metallic D. Both B and C
9	Pick out the incorrect statement for SO2	A. It turns filter paper moistened with acidified K2Cr2O7 B. It turns starch iodate paper blue C. It does not react with chlorine in presence of charcoal D. It decolourises acidified KMnO4 solution.
10	Ionic bond are also forces called as.	A. Polar bond B. Electrovalent bond C. None polar bond D. Both A and B
11	The yellow colour of chromates changes to orange red on acidification, due to the formation of.	A. Cr3+ B. Cr2O3 C. Cr2O7²⁻ D. Cro3
12	The vapours attacks the eyes and mucous membrane of nose and throat	A. F B. Cl C. I D. Br

13	Highly dangerous acid and produces severe wounds on the skin.	A. HClO B. HClO2 C. HClO3 D. HClO4
14	The formula of Bauxite is.	A. Al2O3 B. Al2 O3. 2H2O C. AL2O3, H2O D. Na3AlF6
15	Dolmite is a mineral whose formula is.	A. CaCO3 B. Mg CO3 C. CaCO3, MgCO3 D. CaSO4
16	Which of the following is not alloy of aluminium.	A. Aluminium bronze B. Magnalum C. Duralumin D. Stellite
17	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
18	The size of iso electronic species - F- , Ne, and Na+ is affected by	A. Nuclear charge (Z) B. Valence principal quantum number (n) C. Electron electron interaction in the outer orbital D. None of the factors because their size to the same.
19	The solution of NaOH pH -10.46 contain [OH-]	A. 2.0 X. 10⁻⁴ B. 4.6 X 10⁻⁴ C. 4.6 X 10⁻² D. 4.6 X 10⁻³
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