

PPSC Chemistry Part III Inorganic Chemistry Online Test

C-	Overtions	Anguara Chaisa
Sr	Questions	Answers Choice
1	pKa value of hyponitrous acid is.	A7.0 B. 8.9 C. 4.1 D. 6.6
2	Which element among the following cannot exhibit variable electronvalency	A. ₂₉ Cu B. ₅₀ Sn C. ₂₅ Mn D. ₃₈ Sr
3	The Lewis formula of SOCl2 the total number of bond pairs and lone pairs of electrons around sulphur are.	A. 2,1 B. 2 ,2 C. 3 ,1 D. 3 ,0
4	All the halogen form oxyacide, except	A. Florine B. Chlorine C. Bromine D. lodine
5	Used in filling luminous tubes.	A. Xenon B. Krypton C. Radon D. Helium
6	Form electron deficient compounds	A. B B. AI C. Both B and AI D. None of above
7	Pick out the incorrect statement for CIF3	A. It has trigonal planar geometry B. It is used to make gaseous UF6 which is useful in making enriched U- 235 fuel C. It is used as powerful fluorinating agent for inorganic compounds D. CIF2 has been used as fuel in short range rockets reating with hydrazine.
8	Dibornae is used	A. Fro high energy fuel B. For welding torches C. as reducing agent D. All above
9	Which of the following orbitals has maximum penetration effect.	A. s B. p C. d D. f
10	The electronic configuration of some elements are given below. The element with highest electron affinity is	A. 1s2, 2s2, 2p3 B. 1s2, 2s2, 2p4 C. 1s2, 2s2, 2p5 D. 1s2, 2s2, 2p6
11	Electronegativity of Oygen is.	A. 2.5 B. 3.5 C. 2.4 D. 2.1
12	Nitric acid is used in the manufacturing of.	A. Dyes B. Drugs C. Artificial silk D. All above
13	CFT was originally applied to.	A. lonic crystal B. Liquid crystal C. Solid crystal D. All above
14	Which two atoms of hydrogen combine to form a molecule of hydrogen gas. the energy of the hydrogen molecule is.	A. Higher than that of separate H atoms B. Equal to that of separate H atoms C. Lower than that of separate H

		atoms D. Sometimes lower and sometimes higher than that of separate H.
15	Which of the following is a pseudohalide.	A. I3- B. IF7 C. CN- D. ICI
16	The concept of telluric helisx was developed by	A. Lother meyer B. A.E. de Chancourtois C. New lands D. Doberieiner
17	The first ionization energies of the elements of the first transition series. (Ti Cu)	A. Increases as the atomic number increases B. decreases as the atomic number increases C. Do not show any change as the addition of electrons takes place in the inner (n-1) d -orbitals. D. Increases from Ti to Mn and then decreases from Mn to Cu
18	B.P of heavy water is	A. equal to that of ordinary water B. greater than that of ordinary water C. Less than that of ordinary water D. equal to that of distilled water
19	Monel metal is a alloy of Ni which constrains Ni uptown	A. 50% B. 60% C. 70% D. 80%
20	Principal constituents of noble gases is	A. Argon B. Neon C. Xenon D. Helium