

## PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	In urea the amount of nitrogen is	A. 82.0% B. 46.0% C. 33.0% D. 21.0%
2	The ion that is isoelectornic with CO is	A. CN- B. O2+ C. CO2- D. N2+
3	Aluminium halides is.	A. White crystalline solid B. Hygroscopic C. Sublimes at 180 <sup> o</sup> C D. All above
4	Arrhenius concept explained	A. Constant heat of neutralization     B. Quantitative determination of acid     base strength     C. Catalytic property of acid     D. All above
5	Which one of the following sets of elements has the strongest tendency to form positive ions in gaseous state.	A. Li, Na, K B. F, Cl, Br C. Be, Mg, Ca D. O, S, Se
6	Example of intra molecular hydrogen bonding.	A. O-nitrophenol B. O-hydroxy benzaldehyde C. O- hydroxy benzoic acid D. All of the above
7	The ions Sc3+ , Ca2+ and K+ have same electronic configuration as that of.	A. Neon B. Argon C. Krypton D. Xenon
8	According to Fajns rules, which one of following results in increased ionic nature of the covalent bond.	A. Larger cation and smaller charges on anion     B. Larger cation and larger charge on anion     C. Smaller cation and smaller charge on anion     D. Smaller cation and larger charge on anion
9	Has maximum property of catenation.	A. C B. Si C. Sn D. Pb
10	The inert gasses AR, Ka, and Xe form solid compounds with certain organic molecules under pressure	A. Halides B. Hydrates C. Clathrates D. All of above
11	Carbides because of their hardness are	A. lonic carbides B. Interstitial carbides C. covalent carbides D. Any of above
12	The pH of the 0.0032 M H2SO4 is.	A. 3.2 B. 4.0 C. 2.198 D. 1.0
13	Which of the following iso -electronic ion would require least energy for the removal of electron.	A. Ca2+ B. CI- C. Ar- D. K+
14	Magnesium burns in air to give.	A. MgO B. MgCO3 C. Mg3N2 D. Both A and C

15	Which one of the following sets of elements has the strongest tendency to form negative ions in gaseous state.	A. NA, Mg, Al B. Ca, V, Cr C. N, O, F D. Ga, In, tl
16	Which of the following is not a property of Ni.	A. it is a soft silvery white metal B. It is malleable and ductile C. It is highly magnetic D. It has high electrical and therma conductivities
17	The gap between occupied and the unoccupied orbitals is not very large and the conduction of electricity is negligible at lower temperature and appreciable at high temperatures then it will be.	A. Good conductor B. Non conductor C. Semi conductor D. None of the above
18	Elements in the same vertical group of the periodical have same	A. Number of electron B. Atomic number C. Number of valence elections D. Electronic configuration
19	Law of octaves was proposed by	A. Lother meyer B. D.I.Mendeleev C. J.A.R. Newlands D. J.W. Dobereiner
20	What is the following is incorrect.	A. Water is more polar than H2S B. H2O2 is a planar molecule C. Heavy water is produced by the exhauative electrolysis of water macidic D. H2O2 act both as oxidising as was reducing agent in acidic medium