

## PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	The correct order of reactivity among I, II, and III IS.	A. i &gt; ii &gt; iii B. i &gt; iii &gt; ii C. II &gt; III &gt; I D. III &gt; II &gt; I
2	Dry ice is	A. Solid CO B. Solid CO <sub>2</sub> C. Solid NH <sub>3</sub> D. Solid SO <sub>2</sub>
3	Fluorine finds considerable use of DDT which is used as.	A. herbicide B. Fungicide C. Insecticide D. Nematocides
4	Boric Acid is used	A. In manufacture of pottery glaze B. In medicine as an antiseptic C. In tanning industry D. All above
5	Coordinate covalent bond found is formed by the	A. Transference of electrons B. Sharing of electrons C. Donation of electrons D. None of these
6	Which isotope of hydrogen is radioactive in nature.	A. Protium and deuterium B. Tritium only C. Tritium and deuterium D. Only deuterium
7	The attraction which exists between carbon dioxide molecules in solid carbon dioxide is due to.	A. Van der Waal's forces B. Molecule ion forces C. ionic bonds D. hydrogen bonds
8	In the extraction of iron, the furnace charge consists of iron ore, coke and limestone. The function of limestone is to act as.	A. An oxidizing agent B. A reducing agent C. Flux D. Slag
9	Zinc oxide is.	A. A basic oxide B. An amphoteric oxide C. An acidic oxide D. A neutral oxide
10	Zero group elements are called as	A. Inert gases B. Rare gases C. Noble gases D. All of above
11	Formula of orthophosphoric acid.	A. H <sub>2</sub> PO <sub>4</sub> B. H <sub>3</sub> PO <sub>3</sub> C. H <sub>3</sub> PO <sub>2</sub> D. H <sub>4</sub> P <sub>2</sub> O <sub>5</sub>
12	The correct order of electron affinities is.	A. C &gt; Si, &gt; Na &gt; Ar B. Si &gt; Cl &gt; Na &gt; Ar C. C &gt; Na &gt; Si &gt; Ar D. C &gt; Si &gt; Ar &gt; Na
13	According to the VSEPR theory, the shape of the SO <sub>3</sub> molecule is.	A. Pyramidal B. Tetrahedral C. Trigonal planar D. Distorted tetrahedron
14	Highly dangerous acid and produces severe wounds on the skin.	A. HClO B. HClO <sub>2</sub> C. HClO <sub>3</sub> D. HClO <sub>4</sub>
15	The electronegativity of elements in the periodic table	A. Increases as the atomic number increases B. decreases as the atomic number increases C. Increases as the atomic number decreases D. decreases as the atomic number decreases

15	The first ionization energies of the elements of the first transition series. (11 _____ Cu)	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
16	Carbon in wrought iron is present as	A. Silicon carbide B. Iron carbide or cementite C. Graphite D. Partly as iron carbide and partly as graphite
17	Among the elements A, B, C and D having atomic numbers 7, 8, 9 AND 12 Respectively, the element with smallest size and highest IE is.	A. A B. B C. C D. D
18	Of the following the commonly used in the laboratory desiccator is.	A. Anhyd. $\text{Na}_2\text{CO}_3$ B. Anhyd $\text{CaCl}_2$ C. Dry $\text{NaCl}$ D. None of the above
19	The number used in cancer therapy is.	A. Fe B. Co C. Ni D. Rn
20	The type of bonding in HCl is	A. Pure covalent B. Polar covalent C. Highly polar D. Hydrogen bonding