

PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	Variable electrovalency is due to the following reasons.	A. Unstable configuration of core B. Inset electron pair effect C. All of above D. None of above
2	Hydrogen gas will not reduce	A. Heated cupric oxide B. Heated ferric oxide C. Heated stannic oxide D. Heated aluminium oxide
3	Ca H ₂ on reaction with water liberates	A. H ₂ B. O ₂ C. Botha of these D. None of these
4	Carbon in wrought iron is present as	A. Silicon carbide B. Iron carbide cementite C. Graphite D. Partly as iron carbide and partly as graphite
5	A^0 or $10 Dq$ is called crystal field.	A. Energy B. Splitting energy C. Stabilization energy D. None of above
6	The common ligands can be arranged in order of their increasing splitting power to cause d-orbitals splitting. This series is called as.	A. Electro-chemical B. Spectro -chemical C. Physico-chemical D. Spectro -electrical
7	Solid substances consist of an ordered array of ions and solid as a whole is electrically.	A. Conductor B. Neutral C. Acidic D. Basic
8	Elements of group 14	A. Exhibit oxidation state of -4 B. Exhibit oxidation state of +4 C. Form M ³⁺ and M ⁴⁺ ions D. Form M ⁴⁻ and M ⁴⁺ ions
9	The element Uuu has atomic number	A. 102 B. 111 C. 101 D. 110
10	CFSE for d^7 ion is.	A. 0.8 B. -0.8 C. -1.8 D. 1.8
11	Which is the second most abundant element occurring in the earth's crust.	A. Iron B. Cu C. Cr D. Ni
12	The forces responsible for dissolution of ionic compounds in water are	A. Hydrogen bonds B. Ion dipole forces C. Ionic bonds D. Van Der Waal forces
13	Which of the following has the highest melting point.	A. NaCl B. KCl C. MgO D. BaO
14	Which isotope of hydrogen is radioactive in nature.	A. Protium and deuterium B. Tritium only C. Tritium and deuterium D. Only deuterium
15	Sodium metal cannot be stored under	A. Hexane B. Benzene C. Kerosene D. ...

D. Ethanol

16	The maximum covalence of an element equal to.	A. The number of unpaired d electrons B. The number of paired p electrons C. The number of unpaired a and P electors D. The actual number of a and P electrons in the outermost shell
17	Which of the following is the most stable towards heat.	A. CaCO_3 B. BaCO_3 C. Na_2CO_3 D. MgCO_3
18	Drying agent which react with CO_2 and removes water vapours is.	A. CaO B. CaCl_2 C. CaCO_3 D. $\text{Ca}(\text{NO}_3)_2$
19	Which of the following is not an alum.	A. $\text{KAl}(\text{SO}_4)_3 \cdot 12\text{H}_2\text{O}$ B. $\text{NaAl}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$ C. $\text{NH}_4\text{Fe}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$ D. $\text{FeAl}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$
20	Strongest inter molecular hydrogen bond is formed in	A. H_2O B. NH_3 C. HF D. H_2S
