

## PPSC Chemistry Full Book Test

Sr	Questions	Answers Choice
1	A mixture containing S2- and SO4 ions on trating with dil HCl will produce	A. H2S gas B. SO2 gas C. H2S and SO2 gas D. CO
2	In coordination chemistry the donor atom of a ligand is.	A. A Lewis acid B. The counter ion C. The central metal atom D. The atom in the legend that shares an electron pair with the metal
3	What is the effect of manganese in cast iron.	A. <sup>To affect the machinability ductility and shrinkage depending on form</sup> B. To reduce hardness by combining with sulfur below 0.5% and increase hardness above 0.55 C. To dioxide molten cast iron D. Have no effect
4	Which of the following salt is soluble in water.	A. BaCO3 B. SrCO3 C. CaCO3 D. K2CO3
5	The most convenient and has nearest approach to a universal pH measurement	A. pH strips B. pH indicator C. The emf method D. The colorimetric
6	The element having highest ionization energy and least electron affinity belong to	A. Period 1, group 18 B. Period 2, group 17 C. Period 2, group 1 D. Period 2, group 2
7	Which of the following alkaline earth metals occurs in radioactive form in nature.	A. Ca B. Mg C. Ra D. Ba
8	Which of the following statement is no true with respect to nitrogen dioxide.	A. It is produced by the oxidation of NO B. Its small concentration has been detected to lower stratosphere C. It is major pollutant D. It does not absorb sunlight.
9	Ingold's isoprence rule states that in terpenoids isopren units are joined.	A. Head to tail B. Head to head C. Tail to tail D. In a random order
10	The atomic and ionic radii value on moving from left to right in the sereis.	A. Increase B. Decrease C. Does not change D. None of above
11	Iron is said to be abundant in nature. About how many percent of the earth's crust is iron.	A. 10% B. 5% C. 20% D. 8%
12	Carbon and Hydrogen are estimated by	A. Liebig's method B. Kjeldhal's method C. Carries method D. None of the above
13	The bond between two identical non metal atoms has a pair of electrons.	A. Unequally shared between the two B. Transferred fully from one atom to another C. With identical spins D. Equally shared between them
4.4		A. Resistance to water B. Desired durability

14	Proper proportioning or concrete, ensures	C. Water tightens of the structure.
15	The carbonate of which of the following will have highest lattice energy.	A. Barium B. Magnesium C. Calcium D. Strontium
16	Rectified spirit obtained by formentation contains 5% of water .So in order to remove it, rectified spirit is mixed with suitable quantity of benzene and heated Benzene helps because.	A. It is dehydreating agent and so removes water B. It forms the loweer layer which retains all the water so that alcohol can be distilled off C. It form an azeotropic mixture having high boiling point and thus allows the alcohol to distall over D. It forms low boiling azeotropic mixture which distille over leaving behind pure alcohol which can than be distilled.
17	C - O bond lengths in carboxylate anion are equal due to.	A. Resonance effect     B. Inductive effect     C. Resonance of identical contributing structures.     D. Hyperconjugation
18	H-Bond has more energy than the van der Waals forces i.e.	A. 1.0 kcal/mole B. 2.0 k cal/mole C. 10.0 kcal/mole D. 20. 0 kcal mole
19	BCl3 is a planar molecule because B atom is.	A. sp2 hybridized B. Sp3 hybridized C. sp hybridzed D. sp3 d hybridized
20	Which of the following hydroxide is amphoteric.	A. B(OH)3 B. Al(OH)3 C. Ga (OH)3 D. In (OH)3