

PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	In the metallurgy of iron, when limestone is added to the blast furnace, the calcium ion ends up in.	A. Slag B. Gangue C. Metallic calcium D. Calcium carbonate
2	Which of the following element has six electrons in the valence shell but cannot exhibit a maximum co valency of six.	A. Sulphur B. Oxygen C. Selenium D. Both A and B
3	Which of the following is not a characteristic of covalent compound.	A. They have low melting and boiling points. B. They ionize on dissolution in polar solvents C. Their molecules have definite geometry D. They are generally insoluble in water
4	The suffix "ate" at the end of the name of the compound signifies that it is.	A. Cation B. Anion C. Neutral D. None of above
5	The Ostwald process is the main method for the manufacture of nitric Acid in the first step in this process is.	A. Nitrogen and hydrogen react to form NH ₃ B. Ammonia is burned in O ₂ to generate N ₂ and H ₂ O C. Nitrogen and oxygen react to form NO ₂ D. Ammonia is burned with O ₂ to generate NO and H ₂ O
6	H-Bond has a preferred bonding direction like	A. Ionic bond B. Covalent bond C. Coordinate bond D. None of these
7	Which one of the following oxides is basic.	A. MnO B. Mn ₂ O ₃ C. MnO ₂ D. Mn ₂ O ₇
8	To increase the life of filament and to low the heat conductivity a mixture is filled in electric bulb.	A. Ar & N ₂ B. Ar & Kr C. Kr & N ₂ D. Xe & N ₂
9	Which of the following is strongest reducing agent.	A. Be B. Mg C. Ca D. Sr
10	The pH Value 4.2 is of	A. Vinegar B. Lemons C. Oranges D. Tomatoes
11	CCl ₄ has zero dipole moment because of.	A. Planar structure B. Tetrahedral structure C. Similar size of C and Cl atoms D. Similar electrons affinity of C and Cl
12	When Phosphate rock Ca ₃ (PO ₄) ₂ is converted to phosphorus.	A. One of the products of the reaction is water B. Sulphuric acid is added to generate insoluble calcium sulphate C. Hydrogen is used to reduce the phosphate to phosphorus D. Silica is added to form a calcium silicate slag
13	Which of the following compounds is most acidic.	A. H ₂ O B. H ₂ S C. H ₂ SO ₄ D. H ₂ SO ₃

		C. H ₂ Se D. H ₂ Te
14	Which are not considered member of d-block elements.	A. Zn B. Cd C. Hg D. All above
15	Pauling has suggested that the calculate of energy can be improved by considering.	A. Screening effect B. Polarization effect C. Both A and B D. None of abvoe
16	Allotropic form of tin	A. White tin B. Grey tin C. Rhomic tin D. All above
17	The concept of telluric helisx was developed by	A. Lothar meyer B. A.E. de Chancourtois C. New lands D. Doberieiner
18	The percentage of s-character in the hybrid orbitals sp, sp ₂ and sp ₃ follows the pattern.	A. sp ₃ > sp ₂ > sp B. sp > sp ₂ > sp ₃ C. sp = sp ₂ > sp ₃ D. sp = sp ₂ = sp ₃
19	Copper is mainly extracted from witch of the following ore	A. Sulphide ores B. Carbonate ores C. Oxides ores D. Non sulphide ores
20	The formula of bleaching powder is.	A. Ca OCl ₂ B. CaClO ₃ C. Ca(ClO) ₃ ₂ D. CaOCl