

PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	Burning of fossil fuels is the main sources of which of the following pollutant.	A. Nitrogen oxide B. Nitric oxide C. Nitrous oxide D. Sulphur dioxide
2	Environmental pollution effects.	A. Biotic component B. Plants only C. Humans only D. Both biotic and abiotic components of environment
3	Bromination of n-butane produces.	A. 1-bromobutane as the major product B. 2- bromobutane as the major product C. Both 1 - bromo and 2-bromobutane with equal percentage D. Both i-bromo and 2-bromo products whose percentage depends upon temperature.
4	In DTA , theriac effect may be exothermic or endothermic These are cause by	A. Fusion B. Crystal structure inversion C. Destruction of crystal lattice D. All of above
5	The compound $(CH_3)_3COH$ according to IUPAC is known as.	A. Tert Butanol B. 2,2 -Dimethyl -Propanol C. 2- Methyl -2-propanol D. Tert Alcohol
6	An equilibrium the free energy change delta F for a reaction is.	A. Maximum B. Minimum C. Zero D. Negative
7	A catalyst	A. Actually participates in the reaction B. Changes the equilibrium concentration of the products C. Does not affect a reaction energy path D. Always decreases the rate for a reaction
8	Which of the following statement is false regarding lyophilic sols.	A. The colloidal particles show a linking for the dispersion medium B. These are generally easy to prepare C. These are more stable than lyophobic sols D. The stability of the sols is mainly due to the electrical double layer
9	Naphthalene balls are obtained from	A. Carbon B. Coke C. Coal Tar D. All of above
10	Which of the following salt is colourless.	A. Zn salt B. Co salt C. Ni salt D. Mn salt
11	Which of the following analytical technique is used for separating similar substance by preferential adsorption or partition between two phases.	A. Distillation B. Dialysis C. Chromatography D. Solvent extraction
12	_____ is used for fruits, vegetables and tobacco	A. Potassium Chloride B. Potassium Sulphate C. Potassium nitrate D. All above
		A. Solvent extractions

13	Which of the following analytical techniques can be used to extract metal ion chelates.	B. Evaporation C. GC D. Distillation
14	Which of the following pollutant results from combustion of fossil fuels.	A. SO ₂ B. NO ₂ C. CO D. All above
15	Photochemical smog is generally formed	A. In early hours of winters B. Around mid day in summer months C. When intensity of solar radiation is very low D. When concentration of particulate matter is very low.
16	The element having highest ionization energy and least electron affinity belongs to	A. Period 1, group 18 B. Period 2, group 17 C. Period 2, group 1 D. Period 2, group 2
17	Which of the following is the strongest oxidant.	A. F ₂ B. Cl ₂ C. Br ₂ D. I ₂
18	Which idea of envisioned the construction of nano robots	A. Building nano materials atom by atom B. Destruction of macromolecules to nano ones C. Both of the above D. None of the above
19	Which of the following electrode is normally used as reference electrode for a potentiometer.	A. Platinum electrode B. Calomel electrode C. Silver electrode D. Copper electrode
20	Which of the following statements is not correct with the concept of Bronsted concept of acids and bases.	A. An acid can donate a proton B. A base can accept a proton C. This concept has many bases that have OH ⁻ ions D. This concept is more general