

PPSC Chemistry Part V Environmental Chemistry Online Test

Sr	Questions	Answers Choice
1	Which of the following acid radical give organic layer test.	A. Cl- B. CO ₃ C. I D. S ²⁻
2	The dyes which are produced on the fibre in suit by reactions are known as.	A. Mordant dyes B. Fast dyme C. Ingrain dyes D. Disperse dyes
3	Which configuration has lowest potential energy.	A. Eclipsed B. Staggered C. Skew D. All have same energy
4	A mixture containing S ²⁻ and SO ₄ ions on trating with dil HCl will produce	A. H ₂ S gas B. SO ₂ gas C. H ₂ S and SO ₂ gas D. CO
5	The configuration of valence shell of certain atom X is 3s ² , 3p ⁵ , which valences can it exhibit.	A. 1,3 only B. 1,5 only C. 1,3,5,7 D. 1,3,4
6	Which of the following reagent cannot be used to detect the phenolic group.	A. Neutral FeCl ₃ B. I ₂ /NaOH C. NaOH solution D. Br ₂ /H ₂ O
7	A pH of a neutral solution at 100 °C when Kw = 1.0 x 10 ⁻¹²	A. 0 B. 7 C. 6 D. 7
8	The force responsible for dissolution of ionic compounds in water are	A. Hydrogen bonds B. Ion dipole forces C. Ionic bonds D. Van Der Waal forces
9	Glycerol on dehyeration gives	A. Allyl alcohol B. Aerolein C. CHOH = C = CHOH D. -CHO -CHOH -CH ₂ OH
10	Which of the following is class of nanorods	A. metals B. alloys C. Metal oxide and Metal sulphite D. All of the above
11	In Ostwald's process of manufacturing nitric acid a mixture of ammonia gas with air is maintained with ratio.	A. 1 : 4 B. 1 :3 C. 1 : 8 D. 1 : 10
12	The size of E coli bacteria is. _____ nm	A. 75000 B. 2000 C. 200 D. 5
13	Arrangement of peptide chains of protein in spec to form helix stucture is referred to as.	A. Primary structure B. Secondary structure C. Tertiary structure D. Quaternary structure
14	Which of the following methods does not give the weight average molecular weight.	A. Sedimentation equilibrium B. Sedimentation velocity C. Light scattering D. Osmotic method
15	Urea an enzyme used to estimate urea is a	A. Hydrolytic enzyme B. Oxidative enzyme C. Reductive enzyme D. Iso me rising enzyme

16	The phenomenon of x-ray diffraction was studied by	A. Huygen B. Bragg C. Max Planck D. None of above
17	The relative error is usually expressed as	A. Parts per ten B. Parts per one C. Parts per hundred D. Both C and D
18	Duralumin is an alloy of.	A. Mg + Al B. Al+ Mg+Mn C. Mg + Al + Cu D. Mg + Al + Cu + Mn
19	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.
20	Which of the following will be most effective in the coagulation of Fe (OH) ₃ sol.	A. NaCl B. MgSO ₄ C. AlCl ₃ D. Mg ₃ (PO ₄) ₂