

PPSC Chemistry Part V Environmental Chemistry Online Test

Sr	Questions	Answers Choice
1	Which of the following acids acts as acid waste from coal mines.	A. HCl B. HNO ₃ C. CH ₃ COOH D. H ₃ PO ₄
2	Which of the following statement is not true with respect to electrode potential.	A. Feasibility of a chemicals reaction B. Rate of chemical reaction C. Nature of a chemical reaction D. Free energy of a chemical reaction
3	Sodium reacts with excess of oxygen to form	A. Na ₂ O B. NaO ₂ C. Na ₂ O ₂ D. NaO
4	Most Hazardous metal pollutant of automobile exhaust is.	A. Tin B. Mercury C. Cadmium D. Lead
5	CFT can very well explain	A. Color B. Magnetic properties C. Spectra of transition metal D. All
6	The glow of the yellow phosphorous as a result of slow oxidation in air is called.	A. Chemiluminescence B. Luminescence C. Bioluminescence D. Photolysis
7	Which of the following is an acceptable value for the molecularity.	A. 0 B. 2 C. 6 D. 3/2
8	The phase rule was deduced by	A. Gibbs B. Thomson C. Trouton D. Henry
9	The vapours attacks the eyes and mucous membrane of nose and throat	A. F B. Cl C. I D. Br
10	Carbylamine reaction proceeds via the intermediate formation of.	A. Alkyl isocyanide B. Chloride ion C. Alkyl carbonion D. Dichloro methylene
11	The Tyndall effect is not observed in	A. Suspensions B. Emulsions C. Colloidal solutions D. True solutions
12	Nitrogen (N ₂) is relatively unreactive because.	A. Its electronegativity is high B. Its dissociation energy is large C. Its atomic radius is small D. It is the first element of group 15
13	Iodination of benzene takes place in the presence of iodine and	A. HNO ₃ B. HIO ₃ C. HgO D. All of these
14	_____ is used for fruits, vegetables and tobacco	A. Potassium Chloride B. Potassium Sulphate C. Potassium nitrate D. All above
15	Which of the following is always true for the adiabatic expansion of gas.	A. Temperature rises B. Pressure rises C. W=0 D. All of these

D. $Q = 0$

16	In which paper some additive is not added.	A. Carbon paper B. Filter paper C. Glazed paper D. Art paper
17	Which of the following basic process is involved in the separation of the complex mixture by chromatographic technique.	A. Partition B. Adsorptions C. Ion exchange D. All of the above processes
18	A system which can exchange energy as well as matter with its surrounding is said to be a/an	A. Closed system B. Inert system C. Open system D. All of above
19	Which of the following health effect is caused by cadmium.	A. Hypertension B. Cardiovascular problem C. Kidney damage D. All above
20	The change of chemical potential of any component with temperature at constant P and composition, is equal to.	A. Partial molar enthalpy of that component B. Partial molar volume C. Partial molar free energy D. Negative of the partial molar entropy