

PPSC Chemistry Full Book Test

Sr	Questions	Answers Choice
1	Among oxides of nitrogen all are gases except.	A. N2O5 B. N2O C. NO D. N2O3
2	An equilibrium the free energy change delta F for a reaction is.	A. Maximum B. Minimum C. Zero D. Negative
3	The commonly used catalyst in the manufacture of H2SO4	A. Fe2O3 with a little CuO B. v2O5 C. Platinized asbestos and MgSO4 D. All above
4	Which of the following substance is a volatile metals.	A. Lead B. Zinc C. Mercury D. Sodium
5	Which of the following technique is used to separate substance based on their charge to mass ratio.	A. HPLC B. HPTLC C. GC D. Electrophoresis
6	Human hearing is sensitive to frequency in the range of about	A. 10,000 - 20,000 Hz B. 10 - 10,000 Hz C. 16- 20,000 Hz D. None of the above
7	An ionic compound X + Y - is most likely to be formed if	A. lonization enthalpy of X is high electron gain ethalpy of Y is low B. lonization enthalpy of X is high electron gain enthalpy of Y is high C. lonization enthalpy of X is low, electron gain enthalpy of Y is low D. lonization enthalpy of X is low electron gain enthalpy of Y is high
8	Which of the following statement is not related to collision theory.	A. Molecules must collide with each other to do a chemical reaction B. Molecules must posses a minimum amount of energy C. Molecules must have proper orientation D. Collision theory is applicable to liquid only.
9	Which of the following is not evoked in quantum theory?	A. Schrodinger wave equation B. The rigid rotor approximation C. The particle in a box D. Boltzmann distribution
10	Fats and oil are	A. Acids B. Alcohols C. Salts D. Base
11	Which of the following is not a biodegradable polymer.	A. Protein B. PVC C. Cellulose D. Nucleic acid
12	The criteria for aromatically is presence of	A. UneaturationsB. Cyclic structureC. Presence of 4nx electronsD. Presence of 4n + 2n electrons
13	Proteins have characteristics	A. Melting poirn t B. Iso electric point C. Boiling point D. All of these
14	Which of following is used as make up chemical in Kraft process.	A. Na2CO3 B. KCI

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15	Which of the following solution has highest normality.	A. 1 N H2PO4 B. 0.5 N H2SO4 C. 6 g NaOH per 100 cm3 D. 4 g NaOH PER 1000 cm3
16	in the system of designating wrought aluminum alloys the letter F that follows the number indicates what condition of the alloy.	A. As fabricated B. Calcined C. Annealed D. Strain hardened
17	The second order rate constant can have units.	A. dm-6 mol 2 s-1 B. dm3 mol s-1 C. dm ³ mol ¹ s ⁻¹ D. dm6 mol-1 s-1
18	Which of the following does not represent Lewis acid.	A. ZnCl2 B. FeCl2 C. BF3 D. Bul4
19	Which of the following group reagent is used for III group of basic radical.	A. Dilute HCI B. H2S + HCI C. NH4OH + NH4CI D. NH4OH + H2S
20	Which of the following is the major process when neopentyl bromide is dehydrogenate with alcoholic potash.	A. 2- methyl -1- butene B. 2- methyl- 1- butene C. 2,3 -dimethyl butene D. 2- butene