

PPSC Chemistry Part II Organic Chemistry Online Test

Sr	Questions	Answers Choice
1	Putrefaction is	A. Hydrolysis of proteins B. Reduction of proteins C. Bacterial oxidation of proteins D. All of these
2	Which of the following does not belong in the group of herocyclic dyes.	A. Acridine B. Cyanine C. Methylene blue D. Amido black
3	For a compound to act as a dye it must have	A. A suitable colour B. Ability to fix to fibre C. Both A and B D. None of these
4	A mixture of ethyl iodide and n-propyl iodide is subjected to Wurts reaction. The hydrocarbon that will nto be formed is	A. n-butane B. n-propane C. n-pentane D. n-hexane
5	Oxidative enzymes are responsible for	A. Biological processes B. Biological oxidation C. Biological hydrolysis D. Biological isomerisation
6	Phosphorus is detected by fusing the organic compound with -----followed by extraction with H ₂ O	A. HNO ₃ B. H ₂ SO ₄ C. Sodium per oxide D. Ozone
7	Which of the following statement is not correct with respect to electrometric effect.	A. It is permanent effect B. It is brought into play instantaneously at the demand of attacking reagent C. It proceeds a polar addition reaction D. The original electronic condition is restored after the removal of tacking regent.
8	The reduction of an alkyne to alkene using Lindlar's catalyst results into	A. Syn addition of hydrogen atoms B. Anti addition of hydrogen atoms C. A mixture obtained by ayn and anti addition of hydrogen which are equilibrium with each other D. A mixture obtained by syn and anti addition of hydrogen which are not in equilibrium with each other.
9	All bond length in benzene are identical due to.	A. Resonance effect B. Inductomeric effect C. Electromeric effect D. Mesomeric effect
10	The one which is not a purine base	A. Cytosine B. Guanine C. None of these D. Adenine
11	Which of the following is not a characteristics of terponoids.	A. They are pleasant smelling liquids B. They are steam volatile C. They are nitrogenous bases D. They are insoluble in water
12	In Dumas method, the volume of the gas collected is equivalent to which of the following gases set free from the compound.	A. Ammonia B. O ₂ C. N ₂ D. NO
13	Which of the following class of compounds follow the criteria of aromatically.	A. The compounds must have high degree of unsaturation B. they must have the property to undergo addition reactions C. They must have the property to undergo substitution reactions D. They must have the property to undergo elimination reactions

		D. They must have the ability to sustain an induced current in NMR
14	If reaction A has an activation energy of 250 kJ and reaction activation energy of 100 kJ, which of the following statements must be correct.	<p>A. If reaction A is exothermic and reaction B is endothermic then reaction A is favored kinetically</p> <p>B. At the same temperature the rate of reaction B is greater than the rate of reaction A</p> <p>C. The energy of reaction A must be greater than the energy of reaction B.</p> <p>D. The energy of reaction B must be greater than the energy of reaction A</p>
15	Hydrolysis of protein gives	<p>A. α-amino acid only</p> <p>B. β-amino acids only</p> <p>C. γ amino acid only</p> <p>D. A mixture of all of these</p>
16	Inorganic acids (HCl, HBr, HNO ₃ etc) have K value.	<p>A. < 1</p> <p>B. > 1</p> <p>C. > 10</p> <p>D. < 10</p>
17	Sugar and common salt in a mixture can be separated through then process of.	<p>A. Sublimation</p> <p>B. Distillation</p> <p>C. Ion exchange</p> <p>D. Crystallization from solution in ethanol</p>
18	Bromination of n-butane produces.	<p>A. 1-bromobutane as the major product</p> <p>B. 2-bromobutane as the major product</p> <p>C. Both 1-bromo and 2-bromobutane with equal percentage</p> <p>D. Both i-bromo and 2-bromo products whose percentage depends upon temperature.</p>
19	Which configuration has lowest potential energy.	<p>A. Eclipsed</p> <p>B. Staggered</p> <p>C. Skew</p> <p>D. All have same energy</p>
20	Which of the following is not a pyrimidine base.	<p>A. Uracil</p> <p>B. Thymine</p> <p>C. Cytosine</p> <p>D. Guanine</p>