

PPSC Chemistry Part II Organic Chemistry Online Test

Sr	Questions	Answers Choice
1	An aromatic compound has a molecules formula C7H8O. How many isomers are possible for this compound.	A. 3 B. 4 C. 5 D. 6
2	The steroid which plays an important role in carbohydrate metabolism is.	A. Oestrone B. Progestrrone. C. Androsterone D. Cortisone
3	Glucose and fructose react with which of the following reagent to give same product.	A. Tollen's reagent B. Phenyl hydrazine C. Hydroxyl amine D. All of these
4	The half life for a first order reactions 32 s, What was the original concertation if after 2.0 minutes, the reactant concentration is 0.062 M.	A. 0.84 M B. 0.069 M C. 0.091 M D. 0.075 M
5	Biogical role of nucleic acid doe snot include	A. Genetic continuity B. Protein syathesis C. Hybridization D. Mutation
6	a -amino acids when heated alone form	A. Cyclic lactum B. a-b-unsaturated acid C. Fatty acids D. Diketopiperzines
7	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. O2 C. N2 D. NO
8	Compounds HCN and HNC are.	A. Tautomers B. Metamers C. Functional isomers D. Conformers
9	Recrystallization is the most common technique of purification of solid organic substances Which of the following statements is not related with characteristics of a suitable solvent.	A. It dissolves the substance on heating B. It readily allows it to separate out in the form of crystal on cooling C. It does not react chemically with substance D. It does dissolve the impurities.
10	Beillstein test is used for.	A. CI B. N2 C. CO2 D. Na
11	Chlorine when attached to benzene has	A. +1 and + R effect B1 and - R effect C1 and +R effect D. None of the above
12	The criteria for aromatically is presence of	A. Uneaturations B. Cyclic structure C. Presence of 4nx electrons D. Presence of 4n + 2n electrons
13	An example of acrylic monoterpenoid is	A. Dipentene B. Myocene C. a- terpineol D. Limonene
14	Citral when heated with KHSO4 forms.	A. Isoprene B. p-cymene C. p-menthane D. Dipentene
		A. Cyanine dyes

15	Dyes used in photographic plates to make them panchromatic is.	B. Azıne dyes C. Phthalocyanine dyes D. Acridine dyes
16	An example of cyclic polyterpenoid is	A. Myrcene B. Alcoholic C. Synthetic rubber D. Natural rubber
17	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.
18	Alkaline hydrolysis of chloroform produces.	A. HCCO B. HCOO - + CO C. H3COH D. CHCL2 OH
19	The reagent which can react with 1- chlorobutane to give substitution product is	A. Al Cl3 B. KOH-CH3OH C. NaCN D. Mg/ether
20	Which of the following statements is not correct with respect to applications of H- bonding.	A. It explains the usual b.p. and m.p of certain class of compound. B. It explains the solubility of certain organic compounds in hydroxylic solvents C. It explains the lack of ideal behavior in gases and solutions D. It has stonrg influence on the configuration of certain molecules.