

PPSC Chemistry Part II Organic Chemistry Online Test

Sr	Questions	Answers Choice
1	Which of the following dye is used as an antiseptic .	A. Methyl orange B. Mercurochrome C. Alizarin D. Bismarck brown
2	When propyne is treated with aqueous H ₂ SO ₄ in the presence of HgSO ₄ the functional isomer of the major product obtained is.	A. Propanal B. Acetone C. Propane 2 -nol D. Propanol
3	Plane polarized light is affected by	A. Identical molecules B. All polymers C. Chiral molecules D. All biomolecules
4	D(+)-glyceraldehyde has the absolute configuration.	A. E- B. S- C. E- D. Z-
5	The condensation between formaldehyde and acetaldehyde in the presence of conc. NaOH and heat gives.	A. Acrolein B. Mixture of CH ₃ OH and CH ₃ COONa C. Mixture of CH ₃ CH ₂ OH and HCOO ⁻ Na ⁺ D. None of these
6	Compounds HCN and HNC are.	A. Tautomers B. Metamers C. Functional isomers D. Conformers
7	Which of the following is not a pyrimidine base.	A. Uracil B. Thymine C. Cytosine D. Guanine
8	Gutta percha is	A. Cis polyisoprene B. Trans -polyisoprene C. Polyethylene D. Polyisobutylene
9	Alkyl cyanide and alkyl isocyanides are	A. Tautomers B. Metamers C. Functional isomers D. None of the above
10	The bond length of C = C is	A. 1.20 Å B. 1.34 Å C. 1.54 Å D. 1.68 Å
11	High density polyethylene has which type of structure.	A. Linear B. Branch chain C. Cross linked D. Any one of these
12	Which of the following statements is not correct with respect to the important characteristics of aromatic compounds.	A. They are usually cyclic compounds B. They are resistant to usual addition reactions C. They usually undergo substitution reactions D. They are less stable
13	The IUPAC suffix used for _____ NC group is	A. Cyanide B. Isocyanides C. Carbylamines D. Nitrite
14	Chlorination of benzene with excess chlorine in the presence of FeCl ₃ as Lewis acid gives.	A. Chlorobenzene as a major product B. o-dichlorobenzene as major product C. p-dichlorobenzene as an only product

		product D. A mixture of o- and p- dichloro benzene
15	The reagent which can react with 1- chlorobutane to give substitution product is	A. Al Cl ₃ B. KOH -CH ₃ OH C. NaCN D. Mg/ether
16	The addition of HCl in the presence of poroxule does not follow anti Markovnikov's rule because.	A. HCl bond is too strong to be broken homolytically B. Cl atom is not reative enough to add on to a double bond C. Cl combines with H to give back HCl D. HCl is a reducing agent.
17	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
18	Which of the following organic molecule is not aromatic.	A. Benzene B. Naphthalene C. Anthracene D. Cyclo-octatetraene
19	The sugar present in RNA is	A. D- ribose B. D-Arabinose C. D-Glucose D. Deoxyribose
20	An auxochrome is a group which	A. Absorbs in UV region B. Absorbs in visible region C. Absorbs in IR region D. Increase absorption wavelength of chromophore