

PPSC Chemistry Part II Organic Chemistry Online Test

Sr	Questions	Answers Choice
1	Which of the following is not obtained when Br ₂ is added to ethylene in the presence of aqueous NaCl solution.	A. Br CH ₂ CH ₂ Br B. Br CH ₂ CH ₂ Cl C. ClCH ₂ CH ₂ Cl D. ClCH ₂ CH ₂ Cl
2	The study of coiled long peptide chains of protein to give a 3 dimensional structure is the study of.	A. Primary structure B. Secondary structure. C. Tertiary structure D. Quaternary structure.
3	The IUPAC name of ethylene oxide is.	A. Epoxy methane B. Oxethene C. Methoxymethane D. All of the above
4	Select the major product obtained from the addition of HBr to 1-Methyl cyclohexene	A. 1-bromo -2- methyl cyclohexane B. 6- bromo-i- methyl cyclohex -i- ene C. 3- bromo -1- methyl cyclohex - 1- ene D. 1-bromo -1- methyl cyclohexane
5	Homolytic fission of covalent bond results in the formation of.	A. Free radicals B. Carbocations C. Carbonions D. Both B and C
6	α-amino acids when heated alone form	A. Cyclic lactum B. α,β-unsaturated acid C. Fatty acids D. Diketopiperzines
7	High density polyethylene has which type of structure.	A. Linear B. Branch chain C. Cross linked D. Any one of these
8	Organic substance responsible for the smell of flowers etc. are grouped together in chemistry as.	A. Perfumes B. Terpenoids C. Flavonoids D. Alkaloids
9	Which of the following statements not correct with the concept of Bronsted concept of acids and bases.	A. An acid can donate a proton B. A base can accept a proton C. This concept has many bases that have OH ⁻ ions D. This concept is more general
10	Complete hydrolysis of nucleotide result in the formation of.	A. Heterocyclic bases B. A pentose C. A phosphate ion D. All of these
11	In which polymerization branching of chain cannot be possible.	A. Free radical B. Cationic C. Anionic D. Anionic and Ziegler Natta
12	An example of acyclic monoterpenoid is	A. α-pinene B. Camphor C. Geraniol D. Citral
13	Arrangement of peptide chains of protein in spec to form helix structure is referred to as.	A. Primary structure B. Secondary structure C. Tertiary structure D. Quaternary structure
14	The speed of a chemical reaction	A. Is constant no matter what the temperature is. B. Is independent of the amount of contact surface of a solid involved C. Between gases should be all cases be extremely rapid because the average kinetic energy of the molecules is great D. Is constant no matter what the temperature is.

D. Between ions in aqueous solution is extremely rapid because there are no bonds that need to be broken

15	Polyamide linkage is present in	A. Nylon B. Silk C. Protein D. All of these
16	Which of the following is most basic.	A. Aniline B. Benzylamine C. Diphenylamine D. N-methylaniline
17	Carbon and Hydrogen are estimated by	A. Liebig's method B. Kjeldhal's method C. Carries method D. None of the above
18	Which of the following compound will be optically active.	A. Succinic acid B. Meso tartaric acid C. Acetic acid D. Lactic acid
19	Which of the following reagent cannot be used to detect the phenolic group.	A. Neutral FeCl ₃ B. I ₂ /NaOH C. NaOH solution D. Br ₂ /H ₂ O
20	Two solids A and B have appreciable different solubility in water but their m.p. are very close. The mixture A and B can be separated by.	A. Sublimation B. Distillation C. Fractional crystallization D. Specific rotation