

PPSC Chemistry Part II Organic Chemistry Online Test

Sr	Questions	Answers Choice
1	Among the following a good solvent for a Grignard reagent formation would be.	A. t- butanol B. dimethyl ether C. difiuoro ethane D. tetrahyudroform
2	Which configuration has lowest potential energy.	A. Eclipsed B. Staggered C. Skew D. All have same energy
3	Which of the following is capable of shown g optical isomersm.	A. CH3COCOOH B. CH3CHOHCOOH C. Botha a and b D. All of these
4	Organic substance responsible for the smell of the Flowers etc are grouped together in chemistry as.	A. Perfumes B. Terphenoids C. Flavonoids D. Alkaloids
5	The electrophile in the sulphonation of benzene is.	A. SO3 B. SO3H C. HSO4 D. SO2
6	Hydrogen bons holding the strand to nucleic acids are formed between	A. Sugar and base units B. Base unit C. Sugar ane phosphate units D. Sugar units
7	The number of hydrogen bond present in G -C pair is	A. 1 B. 2 C. 4 D. 3
8	One arm of each t-RNA terminates in the base sequence.	A. UGU B. GGC C. ACT D. CCA
9	D(+) glyceraldebydes has the absolute configurtion.	A. E- B. S- C. E- D. Z-
10	Which of the following statements is not correct. with respect to resonance.	A. The position of atomic nuclei mus be same B. The limiting structures must have same number of paired and unpaired electrons. C. The energy of the various limiting structures must contribute equally D. All above
11	Orion is polymer of.	A. Styrene B. CF2 = CF2 C. Vinyl chloride D. Acrylontrile
12	Which of the following statements regarding phenols is not correct.	A. Phenol Is are stronger acids than water and alcohols. B. Phenol are weaker acids than carboxylic acids C. Phenol are solubel in both aqueous NaOH and aqueous sodium hydrogen carbonate D. Phenoxides ions are more stable than the corresponding phenol
13	Which of the following statements is false about enantiomers.	A. Rotate plane of polarized light B. Are superimposable mirror images C. Nbonsuperimposable mirror images D. All of the above

14	Cytosine a pyrimidine base pairs with	A. Guanine B. Thymine C. Adenine D. Any of these
15	Citral when heated with KHSO4 forms.	A. Isoprene B. p-cymene C. p-menthane D. Dipentene
16	Which of the following reagent cannot be used to detect the phenolic group.	A. Neutral FeCl3 B. I2/NaOH C. NaOH solution D. Br2/H2O
17	Urea an enzyme used to estimate urea is a	A. Hydrolytic enzyme B. Oxidative enzyme C. Reductive enzyme D. Iso me rising enzyme
18	Which of the following compounds cannot be a monomer.	A. CH3-CH00H -CH20H B. NH2 -CH2-NH2 C. CH3-CH2-NH3 D. NH2-CH2-CH-CH2 -NH2 <div> </div> <div> CH3</div>
19	What type of inter molecular force present in nylon-66 ^o	A. Vander wall B. Hydrogen bond C. Dipole -dipole interactions D. Sulphide linkage
20	Which of the following hydrocarbon cannot be obtained on reacting chloomethane with sodium metal in the presence of dry ether.	A. C4 H10 B. C2H6 C. C2H4 D. C3H8