

PPSC Chemistry Part II Organic Chemistry Online Test

Sr	Questions	Answers Choice
1	The compound (CH3)3COH according to IUPAC is known as.	A. Tert Butanol B. 2,2 -Dumethyl -Propanol C. 2- Methyl -2-propanol D. Tert Alcohol
2	Soft drinks and baby feeding bottles are generally made up	A. Polyeater B. Polyurethens C. Polyamide D. Polyetyrene
3	The reaction of toluene with chlorine in the presence of light gives.	A. Benzoyl chloride B. Benzyl chloride C. m-chlorotoluene D. Mixture of 0 and p -chlorotoluene
4	a-pinene hydrochloride on warming rearrangements to form bornyl chloride	A. Pinacol pinacolone B. hofmann C. Wagner Meerwein D. Wolf
5	Carbylamine reaction proceeds via the intermediate formation of.	A. Alkyl isocyanide B. Chloride ion C. Alkyl carbonion D. Dichloro methylene
6	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
7	The simplest formula of a compound containing 50% of element X	A. XY2 B. XY C. X2Y D. None of the abvoe
8	What type of inter molecular force present in nylon-66°	A. Vander wall B. Hydrogen bond C. Dipole -dipole interactions D. Sulphide linkage
9	Each of the following when present at para position decreases the acidic strength of phenol except.	ANH2 BCl C. CH3O- D. CH3-
10	Carbohydrates are characterized by the presence of.	A. Hydroxyl group B. Carbony group C. Asymmetric carbon D. All of these
11	RNA is involved int eh synthesis of	A. Protein B. Nucleic acid C. Carbohydrates D. Fats
12	The binding site on ribosome t-RNA and m-RNA is provided by	A. Polysome B. Ribosomal RNA C. Codone D. DNA
13	An induction of dipole or polarity in non polar bond, and consequent electron shifting along a chain of atoms is known as.	A. Inductive effect B. Resonance effect C. Hyper conjugation D. None of the above
14	A group that causes deepning of the colour is known as	A. Bathchromic B. Hypsochromic C. Hypochromic D. Hyperchromic
15	The denationalization involving C - H sigma bond electrons is known as .	A. Conjugation B. Hyperconjugation C. Mesomerism D. Resonance

16	Apoenzyme is	A. Hydrolytic enzyme B. Oxidative enzyme C. Coenzyme D. Protein part of enzyme after removal of coenzyme
17	The condensation between formaldehyde and acetaldehyde in the presence of conc. NaOH and heat gives.	A. Acrolein B. Mixture of CH3OH and CH3COO Na. C. Mixture of CH3CH2OH and HCOO - Na+ D. None of these
18	Vitamin D1 is chemically known as	A. Ergocalciferol B. Tocopherol C. Aserphthol D. Phylloquinone
19	Chlorination of toluene in the presence of light and heat followed by treatment with aqueous NaOH gives.	A. o - creaol B. p - creaol C. 2,4 -dihydroxy toluene D. Benzoic acid
20	Vitamin which contains cobalt is.	A. Vitamin B1 B. Vitamin B2 C. Vitamin B6 D. Vitamin B12