PPSC Chemistry Part II Organic Chemistry Online Test

Sr	Questions	Answers Choice
1	The greater stability of bonzyl carbonium ion as compared to t-butyl carbonium ion is due to.	A. Inductive effect B. Resonance effect C. Electrometric effect D. All above
2	Rectified spirit obtained by formentation contains 5% of water .So in order to remove it, rectified spirit is mixed with suitable quantity of benzene and heated Benzene helps because.	A. It is dehydreating agent and so removes water B. It forms the loweer layer which retains all the water so that alcohol can be distilled off C. It form an azeotropic mixture having high boiling point and thus allows the alcohol to distall over D. It forms low boiling azeotropic mixture which distille over leaving behind pure alcohol which can than be distilled.
3	Biogical role of nucleic acid doe snot include	A. Genetic continuity B. Protein syathesis C. Hybridization D. Mutation
4	Orion is polymer of.	A. Styrene B. CF2 = CF2 C. Vinyl chloride D. Acrylontrile
5	In hydrogen bonding a hydrogen atom is bonded to which of the highly electronegative atoms.	A. N B. O C. F D. N,O,F
6	Alkyl cyanide and alkyl isocyanides are	A. Tautomers B. Metamers C. Functional isomers D. None of the above
7	In the presence of dilute alkali monosaccharides undergo reversible isomerisation . The reaction known as.	A. Kiliani reaction B. Weermann rearrrangement C. Lobry do Bruyn Van Ekenstein rearrangement D. Mutarotation
8	Among the following statements in the nitration of aromatic compounds, the false one is.	A. The rate of nitration of benzene is almost the same as that of hexadeutero benzene B. The rate of nitration of toluene is greater than that of benzene C. The rate of nitrationof benzen is greater than that of hexadeutero benzene. D. Nitration in an electrophite substitution reaction.
9	In the Friedel-Craft acylation, the amount of AlCl3 tha tmust be taken is	A. In catalytic amount B. One equivalent C. More then one equivalent D. Amount does not matter
10	Polyamide jinkage is present in	A. Nylon B. Silk C. Protein D. All of these
11	Complete hydrolysis of nucleotide result in the formation of.	A. Heterocyclic bases B. A pentose C. A phosphate ion D. All of these
12	An impure sample of camphor contaminated with sand, can be purified by	A. Distillation B. Sublimation C. Steam distillation D. None of the above

13	Estimation of nitrogen in proteins is generally arrived out by the method.	A. Duma's method B. Van Slyke method C. Kjeldahl's method D. Carius method
14	Given A + 3B _____ 2C + D This reaction is first under with respect to reactant A and second order with respect to reactant B . If the concentration of A is doubled and the concentration of B is halved, the rate of the reaction would _____ by factor of _____	A. Increase ,2 B. Decrease ,2 C. Increase ,4 D. Decrease ,4
15	Amino acids have	A. Acidic group B. Basic group C. Both of these D. None of these
16	Correct order of increasing _____ I effect of groups is	A. ----- NO2 >----------CN > ----------COOH > ----------F B. --------F > ----------COOH>----------CN>--------NO2 C. -----F> ----------CN>--------NO2 > COOH D. -------CN > ----------COOH > ----------NO2 >----------F
17	2- Butanol is optically active because a contains	A. An asymmetric carbon atom B. A plane of symmetry C. Centre of symmetry D. A hydroxyl group
18	Phenol on reaction with ethanoic anhydrides in the presence of sodium ethanoate gives.	A. Phenyl benzoate B. Ethyl benzoate C. Phenyl ethanoate D. Phenyl methyl ether
19	Identify an oxygenated cyclic terpenoid	A. a- pinene B. Camphor C. Citral D. Geranial
20	Which of the following is not a biodegradable polymer.	A. Protein B. PVC C. Cellulose D. Nucleic acid