

PPSC Chemistry Part II Organic Chemistry Online Test

Sr	Questions	Answers Choice
1	Which one of the following is natural polymer.	A. Starch B. Nylon-6 C. Neoprene D. Buna-S, SBR
2	Organic substance responsible for the smell of flowers etc. are grouped together in chemistry as.	A. Perfumes B. Terpenoids C. Flavonoids D. Alkaloids
3	Which of the following is most basic.	A. Aniline B. Benzylamine C. Diphenylamine D. N-methylaniline
4	Hydrolysis of nucleoprotein result in the formation of.	A. Proteins B. Nucleic acids C. Both A and B D. They do not hydrolyse
5	Which of the following statements is not correct with respect to applications of H- bonding.	A. It explains the usual b.p. and m.p of certain class of compound. B. It explains the solubility of certain organic compounds in hydroxylic solvents C. It explains the lack of ideal behavior in gases and solutions D. It has stonrg influence on the configuration of certain molecules.
6	Which of the following property has a higher value for trans isomer as compared to cis isomer.	A. Density B. Dipole moment C. Melting point D. Boiling point
7	Carbylamine reaction proceeds via the intermediate formation of.	A. Alkyl isocyanide B. Chloride ion C. Alkyl carbonion D. Dichloro methylene
8	IUPAC name of HCONH ₂ is.	A. Methanamide B. Methanoylamine C. Ammoethanal D. Formanide
9	Orion is polymer of.	A. Styrene B. CF ₂ = CF ₂ C. Vinyl chloride D. Acrylontrile
10	Which of the following molecules can exhibit geometrical isomerism.	A. CH ₃ CH = CH ₂ B. CH ₃ CH = CHCH ₃ C. (CH ₃) ₂ C = CH ₂ D. CH ₃ CH = C(CH ₃) ₂
11	Among the following a good solvent for a Grignard reagent formation would be.	A. t- butanol B. dimethyl ether C. difluoro ethane D. tetrahydroform
12	Given A + 3B → 2C + D This reaction is first order 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
13	For which of the following compounds is the rate of hydrolysis by aqueous alkali most likely to be independent of the hydroxide ion concentration.	A. 1-Chlorobutane B. 2- Bromobutane C. 1- Iodobutane D. 2- Bromo -2- methyl butane
14	Carbon and Hydrogen are estimated by	A. Liebig's method B. Kjeldhal's method C. Carries method

D. None of the above

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| 15 | The half life for a first order reactions 32 s, What was the original concertation if after 2.0 minutes, the reactant concentration is 0.062 M. | A. 0.84 M
B. 0.069 M
C. 0.091 M
D. 0.075 M |
| 16 | Beillstein test is used for. | A. Cl
B. N ₂
C. CO ₂
D. Na |
| 17 | In Dumas method, the volume of the gas collected is equivalent to which of the following gases set free from the compound. | A. Ammonia
B. O ₂
C. N ₂
D. NO |
| 18 | Combination of a -amino acid through which linkages results result in formation of protein | A. Ester linkage
B. Glycosidic linkage
C. Lactum linkage
D. Peptide linkage |
| 19 | When alkyl iodidies are decomposed by light then the product obtained is. | A. R - R
B. R - H
C. RCH ₂ I
D. RCH ₂ I ₂ |
| 20 | When propyne is treated with equeous H ₂ SO ₄ in the presence of HgSO ₄ the functional isomer of the major product obtained in. | A. Propanal
B. Acetone
C. Propane 2 -nl
D. Propanol |