

- Q.30 How we can distinction between alcohol and ether on the basis of functional group?
 - Q.31 Structure of Primary, Secondary and tertiary alcohol?
 - Q.32 Importance of Disaccharide in daily life?
 - Q.33 Explain the method of hydrocarbons?
 - Q.34 How chloroform prepares and explains with structure?
 - Q.35 Role of organic compounds in daily life?

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 a) What is catalysis and how enzyme catalyses the reaction?
b) Define lipids and give its two clinical importances?

Q.37 a) Preparations of method of ketone and its use?
b) Define monosaccharides and give examples?

Q.38 a) Structure of primary, secondary and tertiary alcohols?
b) Difference between organic and inorganic compounds?

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2nd Sem./ DMLT
Subject:- Organic Chemistry

Time : 3Hrs.

M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 Hydrocarbons are organic compounds with element _____

 - a) Both hydrogen and carbon
 - b) Carbon
 - c) Hydrogen
 - d) Oxygen

Q.2 Which of the following bond is made up of a large number of organic compounds?

 - a) Metallic bond b) Dipolar
 - c) Ionic bond d) Covalent bond

Q.3 Which among the following is main constituent of biogas-

 - a) Propane b) Butane
 - c) Methane d) Ethane

Q.4 Which of the following is an example of a saturated carbon compounds-

- a) Benzene b) Ethene
c) Ethyne d) Methane
- Q.5** Which one is alcohol?
a) CH_3COOH b) CH_3OH
c) CH_3CHO d) All of above
- Q.6** Sucrose is a -
a) Monosaccharides b) Disaccharides
c) Trisaccharides d) All of the above
- Q.7** How many amino acids made up a protein?
a) 10 b) 20
c) 30 d) 40
- Q.8** Which of the following is a property of detergents ?
a) Hydrophobic b) Hydrophilic
c) Both d) None
- Q.9** Which of the following acid found is vinegar?
a) Lactic acid b) Citric acid
c) Malic acid d) Acetic acid
- Q.10** Proteins is?
a) Monomer b) Polymer
c) Both d) None

SECTION-B

Note: Objective type questions. All questions are compulsory. $(10 \times 1 = 10)$

Q.11 Define Hydrocarbons?

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- Q.12 Symbol of Aldehydes?
- Q.13 Formula of methanoic acid?
- Q.14 Monomer of proteins is _____?
- Q.15 Formula of ethanol is _____?
- Q.16 IUPAC name of CH_3COOH ?
- Q.17 IUPAC name of $\text{CH}_3\text{CH}_2\text{OH}$?
- Q.18 Alkene contains carbon-carbon _____?
- Q.19 Triple bond between carbon carbon is called _____?
- Q.20 Define unsaturated hydrocarbons?

SECTION-C

- Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. $(12 \times 5 = 60)$
- Q.21 Preparation of one method of un-saturated hydrocarbons?
- Q.22 Structure of sucrose?
- Q.23 What are clinical importance of proteins?
- Q.24 What are structure of methanol and ethanol?
- Q.25 Explain properties of halogen derivatives of hydrocarbons?
- Q.26 What are the sources of carbohydrates?
- Q.27 Explain the classification of lipids?
- Q.28 Define phospholipids?
- Q.29 Explain properties of methanol?

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