

Q.21 Explain :-

(CO1)

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- a) Sublimation
- b) Crystallisation

Roll No.

Q.22 Define :-

(CO5)

- a) Bleeding
- b) Chalking
- c) Cracking
- d) Peeling

Time : 3 Hrs.

M.M. : 60

**2nd Sem / Chemical , Chem P & P
Subject : Organic Chemistry**

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

Q.23 Explain flow sheet and process description of paint manufacturing. (CO5)

Q.24 Explain organic reactions & different types of organic reactions. (CO3)

Q.25 a) Explain the pigment volume concentration and its importance. (CO4)
b) What are solvents? Explain its significance in paint.

Q.1 What is IUPAC name of CH_4 ? (CO2)

- a) Methane
- b) Ethane
- c) Methene
- d) Ethene

Q.2 What is the general formula of IUPAC name of Alkene? (CO2)

- a) $\text{C}_n\text{H}_{2n+2}$
- b) C_nH_{2n}
- c) $\text{C}_n\text{H}_{2n-2}$
- d) None of these

Q.3 Organic compound are made of (CO2)

- a) C&H
- b) Na
- c) Na & H
- d) None of these

Q.4 What method is used for purification of compounds?
(CO3)

- a) Sublimation
- b) Crystallisation
- c) None of these
- d) Both (a) and (b)

Q.5 What of the following is constituent of Paint?

- a) Pigment
- b) Binder
- c) Both (a) and (b)
- d) None of these

Q.6 What goes under addition process? (CO3)

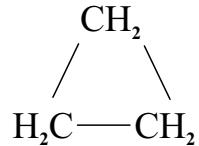
- a) Hydrogen
- b) Halogen
- c) Water
- d) None of these

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

Q.7 Define saturated compounds. (CO2)

Q.8 What is IUPAC name of below given compound? (CO1)



Q.9 Give two examples of organic compounds. (CO2)

Q.10 Alkene made from dehydration of alcohol
(True/False) (CO3)

Q.11 Write two properties of alkanes. (CO3)

Q.12 Define paint. (CO4)

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 Classify organic compounds. (CO1)

Q.14 Give IUPAC name of the following : (CO2)

- a) CH_2CHO
- b) HCHO
- c) $\text{CH}_3\text{CH}_2\text{CH}_3$
- d) $\text{CH}_3\text{CH}_2\text{OH}$

Q.15 Define cyclic compounds. Explain with the help of examples. (CO1)

Q.16 Explain the uses of alkanes. (CO3)

Q.17 Write two methods of preparation of alkenes and explain them. (CO3)

Q.18 Explain substitution reaction & Addition reaction with the help of examples. (CO3)

Q.19 What is the need of surface coating? (CO4)

Q.20 Explain the significance of pigments. (CO4)