

No. of Printed Pages : 4
Roll No.

220523

2nd Sem / Chemical, Chem P & P

Subject : Organic Chemistry

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

Q.6 Which is not a solvent/ thinner

- a) petroleum
- b) spirit
- c) Turpentine
- d) lead acetate

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. $(6 \times 1 = 6)$

Q.7 An example of cyclic compound is _____.

Q.8 IUPAC name of acetone is _____.

Q.9 The members of a homologous series have same general formula. (T/F)

Q.10 What is the general formula of alkynes?

Q.11 Define distillation.

Q.12 Name 2 types of solvents used in paint industry.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. $(8 \times 4 = 32)$

Q.13 What is the importance of organic Compounds?

Q.14 Define- Aliphatic Compounds, Aromatic Compounds.

Q.15 Why alkanes are called saturated hydrocarbons?

Q.16 Write the formula of first four members of homologous series of alcohols.

Q.17 Write a short note on chemical properties of alkynes.

Q.18 What do you mean by hydrogenation of alkenes and alkynes.

Q.19 Write a short note on addition reactions.

Q.20 How can you detect the presence of chlorine in a given organic compound.

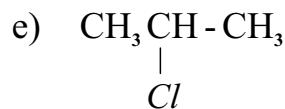
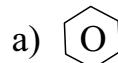
Q.21 What are the characteristics of a good paint?

Q.22 Draw a flow chart of different steps / processes used in manufacturing of paint.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. $(2 \times 8 = 16)$

Q.23 Write IUPAC names of following compounds-



Q.24 Write a short note on chemical properties & uses of alkenes.

Q.25 Discuss the method used for the determination of melting point of an organic compound with a neat & labelled diagram.