

Roll No.

Total Printed Pages - 4

F - 1266

B. Pharm. (Second Semester)

EXAMINATION, MAY-JUNE, 2022

(NEW COURSE)

Paper Second

PHARMACEUTICAL ORGANIC CHEMISTRY - I

Time : Three Hours]

[Maximum Marks : 75

Note : Answer as per the instruction in each section.

(Section-A)

(2 marks each)

Note- Attempt all questions.

1. What is order of reactivity of alkyl halides?

P.T.O.

[2]

2. What are markovikoff's orientation?
3. What are electrophilic addition reactions of alkenes?
4. What are methyl alcohol?
5. What are Carbonyl compounds?

(Section- B)

(3 marks each)

Note : Attempt any five questions.

1. What are Acidity of carboxylic acids?
2. What are Basicity of Aliphatic amines?
3. What are Aldol condensation?
4. What are SN2 reactions?
5. What are free radical addition reactions of alkenes?
6. What are nomenclature of organic compounds?
7. What are Stabilities of alkenes?

F - 1266

[3]

(Section - C)

(5 marks each)

Note : Attempt any four questions.

1. What are SP³ hybridization in alkanes? Discuss about Halogenation of alkanes in detail.
2. What are E1 and E2 reactions?
3. What are free radical addition reactions of conjugated dienes?
4. What are qualitative tests of alcohols?
5. What are Benzoin condensation of carbonyl compounds?

Section D

(10 marks each)

Note:- Attempt all questions.

1. Discuss about Qualitative test, Structure and of Aliphatic amines.

[4]

2. What is Perkin condensation? Discuss about Perkin condensation in detail.
3. Discuss about SP² hybridization in alkenes.