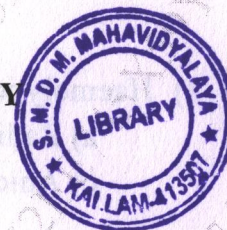


Total No. of Printed Pages:2

SUBJECT CODE NO: - YY-2454
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. (CBCGS) (Pattern 2022) F.Y SEM I
Examination April / May - 2024
Chemistry Paper-II Organic Chemistry



[Time: 1:30 Hours]

[Max. Marks: 40]

Please check whether you have got the right question paper.

N. B

- 1) All questions are compulsory.
- 2) All questions carry equal marks

Q.1 What is isomerism? Explain different types of structural isomerism using examples. 10

OR

- a) Discuss the structure and stability of carbocations. 5
- b) Explain the Kekule structure of benzene. 5

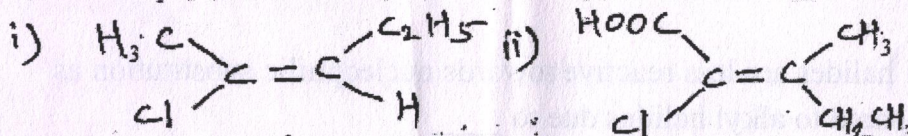
Q.2 Give any two methods of preparation of aryl halides with suitable example. 10

OR

- a) Explain the Pinacol - Pinacolone rearrangement. 5
- b) How phenols are prepared from diazonium salts. 5

Q.3 Write short notes on (any two) 10

- a) Assign E or I designation



- b) S_N1 reaction
- c) Halogenation of phenol
- d) Friedel- craft acylation reaction

Q.4 Choose and write the correct answer of the following. 10

- 1) Inductive effect is _____
 - a) Permanent effect
 - b) Temporary effect
 - c) Situational effect
 - d) None of these

