

SHIVAJI COLLEGE, UNIVERSITY OF DELHI

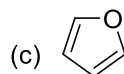
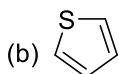
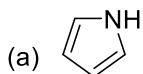
DEPARTMENT OF CHEMISTRY

INTERNAL TEST (Academic Year 2023-24)

Name of the Course : B Sc. (Hons) Chemistry Semester: IV
Name of the Paper : (DSC) Carbohydrates, Lipids and Heterocyclic Compounds
Faculty Name : Dr Reeta
Duration : 1 Hour Maximum Marks: 12 Marks
Date of Test : 22.04.2024

Attempt any Six question out of Eight. Each question carries 2 marks.

1. Write the IUPAC name of the following heterocyclic compound:



2. Explain the classification of lipids
3. Explain the Kiliani-Fischer Synthesis.
4. Explain the Wohl Degradation.
5. Write the reaction involved when furan treated with maleic anhydride and name the reaction.
6. How do you synthesis 2,5-dimethyl pyrrol using Paal-Knorr synthesis.
7. Arrange pyrrole, thiophene and furan in decreasing order of their aromaticity. Justify your answer.
8. Explain Chichibabin reaction with suitable example.

Faculty Signature:

