

**SHIVAJI COLLEGE, UNIVERSITY OF DELHI**

**DEPARTMENT OF CHEMISTRY**

**INTERNAL ASSIGNMENT**

**(Academic Year 2023-24)**

Name of the Course: B.SC. (P) Life Science Sec-A

Semester: VI

Name of the Paper: Organometallics, Bio-inorganic Chemistry, Polynuclear Hydrocarbons and UV, IR

UPC: 42177926

Maximum Marks: 10

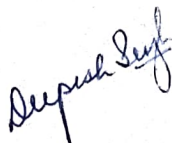
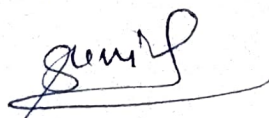
Faculty Name: Mr. Deepesh Singh, Dr. Sunil Yadav

Last Date of Submission: 04/04/2024

Attempt all questions:

1. Give applications of IR spectroscopy
2. Explain Claisen condensation with mechanism.
3. Explain aromaticity of following: Furan, Thiophene, Pyrrole.
4. Write Haworth synthesis of Naphthalene
5. Electrophilic substitution in anthracene at 9,10 positions explain?

Dr. Sunil Yadav



**Faculty Signature:**