

**J. N. College Madhubani**

**Department of Botany**

**Assignment for winter vacation (25 Dec. to 30 Dec., 2023)**

**Course Name: 11th**

**Assignment:**

- 1. What is flower? Describe the parts of a typical angiosperm flower.**
- 2. Describe the important characteristics of gymnosperms.**

**Course Name: Deg.II (Hons.)**

**Assignment:**

- 1. Describe the structure of sporophyte of Pinus.**
- 2. Describe the system of classification as proposed by Bentham and Hooker.**
- 3. Describe the anatomical adaptations of Hydrophytes.**
- 4. Describe the Principle and distribution of mechanical tissues in plants.**

**Course Name: Deg.III (Hons.)**

**Assignment:**

- 1. Give the Schematic representation of an overall view of Kreb's cycle.**
- 2. Explain DNA replication in Prokaryotes.**
- 3. Describe the structure and function of Eukaryotic chromosome.**
- 4. Describe the Ultra structure of plant cell.**
- 5. What is Mutation. Describe its role in crop improvement.**