

RCS College, Manjhaul

Department of Botany

Subject: Botany – MJC – 2

Semester – II (Session 2025 – 2029)

Assignment Questions

1. Discuss the structure, classification, properties, and biological functions of carbohydrates, proteins, lipids, and nucleic acids.
2. Explain the classification and nomenclature of enzymes. Describe the mechanism of enzyme action and factors affecting enzyme activity.

Note:

- All questions are mandatory.
 - Each answer must be written in at least 4 pages on A4-size white paper.
 - Only handwritten assignments will be accepted.
 - Printouts, typed copies, and photocopies will not be accepted.
 - Draw neat and labelled diagrams wherever necessary.
-

Subject: Botany – MIC – 2 and MDC – 2

Semester – II (Session 2025 – 2029)

Assignment Questions

1. Analyze how the absence of enzymes would affect cellular metabolism and survival of living organisms.
2. Explain how mitosis and meiosis together ensure continuity of life and maintenance of genetic diversity.

Note:

- All questions are mandatory.
- Each answer must be written in at least 4 pages on A4-size white paper.
- Only handwritten assignments will be accepted.
- Printouts, typed copies, and photocopies will not be accepted.
- Draw neat and labelled diagrams wherever necessary.