

DEPARTMENT OF PHARMACEUTICAL SCIENCES & TECHNOLOGY
BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(End Semester Examination)

CLASS: BPHARMACY
BRANCH: PHARM SCI TECH

SEMESTER: I
SESSION: MO 2025

SUBJECT: BP106BPT REMEDIAL BIOLOGY

TIME: 1.30 Hour

FULL MARK: 35

A. Short Answers

(Answer five out of seven)

(05 x 05 = 25 marks)

1. Write different modifications of leaf with examples.
2. Illustrate the mechanism of blood coagulation.
3. Describe the structure and functions of Nephron.
4. Define Biology and mention the names of its main branches of. Explain binomial nomenclature with an example
5. Compare and contrast between Chordates and non-chordates. Cite examples in each case.
6. Classify the animal kingdom and represent it with the help of a flow chart.
7. Define each of the terms: ingestion, digestion, absorption, assimilation, egestion

B. Long Answers

(Answer one out of two)

(01 x 10 = 10 marks)

1. Describe the anatomical features of a monocot and dicot root in detail.
2. Draw a labelled diagram of the digestive system and mention the functions of the enzymes secreted during the process of digestion

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