

**DEPARTMENT OF PHARMACEUTICAL SCIENCES & TECHNOLOGY**

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI**  
(Internal Assessment I)

**CLASS: BPHARM**  
**BRANCH: PHARMACY**

**SEMESTER: I**  
**SESSION: MO 2024**

**SUBJECT: BP106RBT REMEDIAL BIOLOGY**

**TIME: 2.00 Hour**

**FULL MARK: 30**

**PART I**

A. Long Answers (Answer any one out of two) (01x10=10 marks)

1. Illustrate with the help of a flow chart the classification of the Animal kingdom with suitable examples in each category.
2. Describe the anatomical structures of a monocot and dicot stem.

**PART II**

B. Short Answers (Answer any four out of six) (04x05=20 marks)

1. Define biology. What are its two important branches? Enumerate the importance of Zoology.
2. Explain the Binomial Nomenclature with a suitable example. Differentiate between Chordate and Non chordate animals.
3. Mention the basis of classification of plant kingdom. Explain a few characteristics of the Plant kingdom.
4. Describe the modifications of Tap root and adventitious root with suitable examples.
5. Illustrate the classification of flower based on presence of sexual reproductive organ.
6. Describe the structure of a typical leaf. Explain different types of leaves with examples.

**:25/10/2024:E**