

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(END SEMESTER EXAMINATION)**

**CLASS: B.PHARMACY
BRANCH: PHARMACY**

**SEMESTER: 1
SESSION: MO 2023**

SUBJECT: BP106BPT REMEDIAL BIOLOGY

TIME: 1 ½ Hours

FULL MARK: 35

A. Short Answers

(Answer five out of seven)

(05 x 05 = 25 marks)

1. Name any four hormones released from the adenohypophysis and mention their functions.	C04	1,2
2. State the composition of lymph and elaborate its functions.	C03	1,2
3. Explain the functions of different parts of the upper respiratory system.	C03	1,2
4. Elaborate the process of nerve impulse transmission.	C03	2,3
5. Illustrate with a flowchart the classification of animal kingdom with examples wherever applicable.	C01	1,2
6. Enumerate the characteristics of the plant kingdom and elaborate its basis of classification. Give examples of cryptogams and phanerogams.	C02	1,2
7. What is binomial nomenclature? What are the steps involved in naming an animal or a plant? Give an example.	C02	1,2,3

B. Long Answers

(Answer one out of two)

(01 x 10 = 10 marks)

1. Discuss different phases of mitosis. Write notes on the roles of hormonal regulation on the human excretory system.	C05, C04	1,2,3
2. Draw a labelled diagram of the digestive system and elaborate main functions involved in the process of digestion. Enlist the main and accessory organs associated with both, male and female reproductive systems. Explain the functions of the reproductive system in the context of producing offspring.	C03	1,2

Bloom's level:
Knowledge = 1
Understand = 2
Application = 3

:::::18/12/2023 M:::::