

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

CLASS: B PHARMACY  
BRANCH: PHARM SCI TECH

SEMESTER: I  
SESSION: MO/19

SUBJECT: BP106RBT REMEDIAL BIOLOGY

TIME: 1.30 Hour

FULL MARK: 35

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A. Short Answers

*(Answer five out of seven)*

(05 × 05 = 25 marks)

1. Differentiate between a plant cell and an animal cell.
2. Identify the four main tissues in the body and write about their location and broad function in the body.
3. What is a cell? State the cell theory. Explain briefly the embryonic origin of cells.
4. Which organs are associated with the digestive system? State the main functions of each of them.
5. Write a short note on nitrogen metabolism.
6. Define Photosynthesis. Discuss factors affecting the photosynthesis.
7. Give a diagrammatic representation of T.S. of Root and label it properly.

B. Long Answers

*(Answer one out of two)*

(01 × 10 = 10 marks)

1. Define Biology. Discuss and describe characters of living organisms.
2. Elaborate on the role of digestive enzymes in the digestion of food in the gastrointestinal tract.

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