

Nov. 21

Roll Number \_\_\_\_\_ (Total Number of Questions 09) (Total number of Printed Pages 01)

Programme	B. Pharmacy
Semester	1 <sup>st</sup>
Subject	Remedial Biology
Subject Code	BP106RBT
Paper ID	74649
Time	1.5 Hours
Maximum Marks	35
Link to upload answer sheet	<a href="https://forms.gle/6B1n5G5uXBmXgkX9">https://forms.gle/6B1n5G5uXBmXgkX9</a>

**Instructions to Candidates:** No supplementary/continuation sheet will be issued to the candidates. Answer the questions precisely.

\*Section A consists of Two questions carrying 10 marks each (Long Answer); attempt any **ONE**.

\*\*Section B consists of Seven questions carrying 5 marks each (Short Answer); attempt any **FIVE**.

**Section A (1 X 10 = 10)**

1.	Explain anatomy and physiology of human heart with neat, clean and labelled diagram.
2.	Describe nitrogen cycle and biological nitrogen fixation.

**Section B (5 X 5 = 25)**

3.	Describe structure of nephron.
4.	Enlist salient features of kingdom Monera.
5.	Differentiate T.S. of dicot root and monocot root.
6.	Write down the functions of cerebrum.
7.	Discuss mitosis cell division.
8.	Write various factors affecting photosynthesis.
9.	Briefly describe plant growth hormones.

\*\*\*\*\*

**Note:** Disclosure of identity by writing mobile number or making request for passing on any page of answer-sheet will lead to UMC against the candidate.

Roll No. 

--	--	--	--	--	--	--	--	--	--	--

Total No. of pages: 01

Total No. of Questions: 09

ASBASJSM College of Pharmacy, BELA  
IKG Punjab Technical University Internal Examination  
B. Pharma Sem.- 1  
REMEDIAL BIOLOGY  
Subject Code: BP106RBT

Time: 1.5 Hrs.

Max. Marks: 35

**INSTRUCTIONS TO CANDIDATES:**

1. Section-A contains TWO questions carrying TEN marks each and students have to attempt any ONE question.
2. Section-B contains SEVEN questions carrying FIVE marks each and students have to attempt any FIVE questions.

**SECTION-A**

1. Define Photosynthesis. Discuss in detail the process and factors affecting Photosynthesis.
2. Write the meaning and various types of Nervous systems. Explain the mechanism of generation and conduction of nerve impulse.

**SECTION-B**

3. Write in brief about Diversity in living world and Binomial nomenclature.
4. Give the composition of blood and various types of blood groups.
5. Write the external morphological features of root and leaf part of a plant.
6. Discuss the role of Glycolysis in plant respiration.
7. What are plant nutrients? Explain their types and functions.
8. Draw and write the difference between a plant cell and animal cell.
9. Write a note on plant growth regulators.