



Sessional II (Odd) Semester Examination, Octoberber 2025

Roll no.....

Name of the Course: B.Pharm

Semester: I

Name of the Paper: Remedial Biology-Theory

Paper Code: BP106 RBT

Time: 1.5 hour

Maximum Marks: 30

Note:

- (i) This question paper contains two sections
- (ii) All the questions are compulsory

Section A

Q. 1 Short Questions: Attempt any four question

(4X 5 = 20 Marks)

- a. Write a short note on the structure and function of the nephron in the human excretory system. (CO3)
- b. Explain the generation and conduction of a nerve impulse with the help of a labeled diagram. (CO3)
- c. Mention the functions of the major endocrine glands and their respective hormones. (CO3)
- d. What is the renin-angiotensin system, and what is its role in regulating blood pressure? (CO3)
- e. Describe the structure of a neuron with a neat labeled diagram. (CO3)
- f. Outline the stages of the menstrual cycle and the hormonal changes involved. (CO3)

Section B

Q. 2 Long questions: Attempt any one question

(1X10 = 10 Marks)

- a. Discuss the endocrine glands of the human body and describe the hormones secreted by each gland along with their physiological functions. (CO3)
- b. Describe in detail the structure and function of the human excretory system. Explain the process of urine formation and the role of kidneys in maintaining homeostasis. (CO3)