



P. RAMI REDDY MEMORIAL COLLEGE OF PHARMACY

(AUTONOMOUS)

Awarding University: JNTU Anantapur, Anantapuramu. Approved by PCI, New Delhi & Govt. of A.P.

Recognized u/s 2(f) & 12(b) of the UGC Act, 1956, New Delhi. Accredited by NAAC.

Code: 25BP106RBT

R25

B. Pharm I Year I Semester (R25) Regular Examinations March 2026

REMEDIAL BIOLOGY

(B.Pharmacy)

Time: 3 hours

Max. Marks: 70

PART – A

(Compulsory Question)

- 1 Answer the following: (10 X 02 = 20 Marks)
- | | | | |
|--|--------|---|----|
| (a) Define binomial nomenclature. | C116.1 | I | 2M |
| (b) List salient features of Monera. | C116.1 | I | 2M |
| (c) Define cardiac output. | C116.2 | I | 2M |
| (d) What is ECG? | C116.2 | I | 2M |
| (e) Define glycolysis. | C116.5 | I | 2M |
| (f) What are respiratory volumes? | C116.2 | I | 2M |
| (g) Define neuron. | C116.3 | I | 2M |
| (h) What is RAAS (Renin–Angiotensin System). | C116.3 | I | 2M |
| (i) What are tissues. | C116.5 | I | 2M |
| (j) What are plant growth regulators? | C116.5 | I | 2M |

PART – B

(Answer all the questions: 05 X 10 = 50 Marks)

- | | | | |
|--|--------|-----|-----|
| 2 (a) Explain salient features of Monera and Fungi. | C116.1 | II | 5M |
| (b) Describe morphology of root and stem. | C116.1 | II | 5M |
| OR | | | |
| 3 Explain binomial nomenclature and five kingdom classifications. | C116.1 | III | 10M |
| 4 Explain composition of blood, blood groups and coagulation. | C116.2 | II | 10M |
| OR | | | |
| 5 Explain mechanism of breathing and its regulation. | C116.2 | III | 10M |
| 6 Describe structure of brain and spinal cord and their functions. | C116.3 | II | 10M |
| OR | | | |
| 7 Describe in detail about the various parts of male reproductive system with a neat labelled diagram. | C116.3 | II | 10M |
| 8 Explain nitrogen metabolism, nitrogen cycle and biological nitrogen fixation. | C116.4 | III | 10M |
| OR | | | |
| 9 Explain autotrophic nutrition and photosynthetic pigments. | C116.4 | II | 10M |
| 10 Describe cell division and types of tissues with functions. | C116.5 | III | 10M |
| OR | | | |
| 11 Explain plant growth and development and plant growth regulators. | C116.5 | II | 10M |
