

Code: 15R00102

R15

B.Pharm I Year I Semester (R15) Regular & Supplementary Examinations January 2018

REMEDIAL BIOLOGY

Time: 3 hours

Max. Marks: 70

PART – A
(Compulsory Question)

- 1 Answer the following: (10 X 02 = 20 Marks)
- (a) What is the importance of plasma membrane?
 - (b) Define amitosis.
 - (c) What are diatoms?
 - (d) What is cilia?
 - (e) Define isobilateral leaf.
 - (f) What is an exarch xylem?
 - (g) In tapeworm, what are proglottids?
 - (h) Explain the role of rhabditiform larvae in the life cycle of ascaris lumbricoides.
 - (i) Name the three segments of the thorax of cockroach.
 - (j) What is labrum epipharynx in mosquito?

PART – B
(Answer all five units, 5 X 10 = 50 Marks)**UNIT – I**

- 2 With the help of neat labeled diagram, describe the structure of plant cell.
- OR**
- 3 Describe the different types of plant tissues and their functions.

UNIT – II

- 4 Explain the salient features of algae & fungi.
- OR**
- 5 Outline the classification of animal kingdom.

UNIT – III

- 6 Describe the morphology & histology of bark.
- OR**
- 7 Write a note on the modifications of root & stem.

UNIT – IV

- 8 Explain the structure & life history of amoeba.
- OR**
- 9 Explain the structure & life history of ascaris.

UNIT – V

- 10 With the help of a neat labeled diagram, describe the general structure of mosquito.
- OR**
- 11 Explain the life history of cockroach and housefly.
