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B.Pharm I Year (R13) Supplementary Examinations June 2017 **REMEDIAL BIOLOGY**

Time: 3 hours

Code: 13R00102

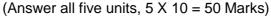
Max. Marks: 70

PART – A

(Compulsory Question)

- 1 Answer the following: (10 X 02 = 20 Marks)
 - (a) Explain about function of nucleic acid.
 - (b) Name the parts of cell cycle.
 - (c) Write any two differences between gymnosperms and angiosperms.
 - (d) Write any two differences between bryophytes and pteridophytes.
 - (e) What is an inflorescence?
 - (f) Explain about histology of root.
 - (g) Draw the structure of Ascaris with neat labeled diagram.
 - (h) Write life History of Plasmodium.
 - (i) Write anatomical features of rabbit.
 - (j) Write a short note on the larval stage of housefly.

PART – B



UNIT – I

- 2 Briefly explain about Cell cycle.
- 3 Explain about types and functions of chromosomes.

OR

- 4 Classify the animal kingdom.
- 5 Explain processing steps involved in staining and mounting of sections.

UNIT – III

OR

- 6 Explain about histological characters of Leaf.
- 7 Discuss in detail about modifications of stem and leaf.

UNIT – IV

8 Give the structure and life cycle of Trypanosoma.

OR

9 Give the structure and life cycle of Ancylostoma.

UNIT – V

OR

- 10 Explain the gross anatomical structure of rabbit.
- 11 Given general structure and life history of Housefly.
