

## B.Pharm I Year (R13) Supplementary Examinations June 2017

**REMEDIAL BIOLOGY**

Time: 3 hours

Max. Marks: 70

**PART – A**

(Compulsory Question)

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- 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**

(Answer all five units, 5 X 10 = 50 Marks)

**UNIT – I**

- 2 Briefly explain about Cell cycle.

**OR**

- 3 Explain about types and functions of chromosomes.

**UNIT – II**

- 4 Classify the animal kingdom.

**OR**

- 5 Explain processing steps involved in staining and mounting of sections.

**UNIT – III**

- 6 Explain about histological characters of Leaf.

**OR**

- 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**

- 10 Explain the gross anatomical structure of rabbit.

**OR**

- 11 Given general structure and life history of Housefly.

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