

Code: 15R00102

**R15**

B.Pharm I Year I Semester (R15) Supplementary Examinations May/June 2018

**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) Define mitotic cell division.
  - (b) What is promeristem?
  - (c) Give two examples of ascomycetes.
  - (d) Give two examples of annelida.
  - (e) What is hilum?
  - (f) Define rhizome.
  - (g) What is the drug of choice for removing ancylostoma from the intestine?
  - (h) What is schistosomiasis?
  - (i) What are wrigglers?
  - (j) In the life cycle of housefly, what is the importance of molting?

**PART – B**

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

**UNIT – I**

- 2 With the help of neat labeled diagram, describe the structure and functions of animal cell.
- OR**
- 3 Write a detailed note on mitosis & meiosis.

**UNIT – II**

- 4 Explain the salient features of bryophytes and pteridophytes.
- OR**
- 5 Explain the salient features of protozoa and porifera.

**UNIT – III**

- 6 Describe the morphology and histology of leaf.
- OR**

- 7 Write short notes on:
- (a) Modification of leaf.
  - (b) Histology of seed.

**UNIT – IV**

- 8 Explain the structure and life history of plasmodium.
- OR**
- 9 Explain the structure and life history of Taenia.

**UNIT – V**

- 10 With the help of a neat labeled diagram, describe the general structure of cockroach.
- OR**
- 11 Write short notes on:
- (a) Life history of mosquito.
  - (b) General structure of housefly.

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