

B.Pharm I Year (R13) Supplementary Examinations June 2018

REMEDIAL BIOLOGY

Time: 3 hours

Max. Marks: 70

PART – A

(Compulsory Question)

- 1 Answer the following: (10 X 02 = 20 Marks)
- Define meiosis.
 - Write the structure of cockroach.
 - Give an account on section cutting.
 - Write a short note on compound microscope.
 - Write the structure of house fly.
 - Define wood.
 - Write the functions of nucleic acid.
 - Define pteridophytes.
 - Define oxyuris.
 - Write a short note on bryophytes.

PART – B

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

UNIT – I

- 2 (a) Explain in detail about the types and functions of nucleic acids.
(b) Explain in detail about the process of mitosis and meiosis.

OR

- 3 Classify the animal kingdom in detail with examples.

UNIT – II

- 4 Explain in detail about the types and functions of nucleic acids.

OR

- 5 (a) Explain about simple and compound microscope.
(b) Write the structure, types and functions of chromosomes.

UNIT – III

- 6 (a) Write the morphology of leaf and flower.
(b) Enumerate the methods of staining and mounting of sections.

OR

- 7 (a) Explain the modification of root, stem and leaf.
(b) Explain the morphology of root and stem with a neat labeled diagram.

UNIT – IV

- 8 (a) Explain in detail about amoeba.
(b) Explain the structure and life history of plasmodium and amoeba

OR

- 9 (a) Enumerate the life history of plasmodium.
(b) Add a note on ascaris and schistosoma.

UNIT – V

- 10 Draw a neat labeled diagram of cockroach and explain its life history.

OR

- 11 Write in detail about the cross section of frog.
