

Subject Code: B13103/R13**I B. Pharmacy I Semester Supplementary Examinations May-2017****REMEDIAL BIOLOGY - I****Time: 3 hours****Max. Marks: 70**

Question Paper Consists of **Part-A** and **Part-B**
Answering the questions of **Part-A** is Compulsory,
Three Questions should be answered from **Part-B**

PART-A

1. (a) Give the differences between mitosis and meiosis.
- (b) Draw a neat labelled diagram of monocot root.
- (c) Mention the general characters of Arthropoda.
- (d) Draw a neat labelled diagram of female Ascaris.
- (e) Mention the economic importance of silk worm.
- (f) What are the general characteristics of mammals?

[4+4+3+4+3+4]

PART-B

2. (a) Explain the functions of Complex Tissues with relevant diagrams.
- (b) With a neat labeled diagram explain the structure and functions of plant cell.
[8+8]
3. (a) Enumerate the histological characters of monocot leaf and dicot stem.
- (b) Add a note on Insectivorous plant.
[10+6]
4. (a) Outline the classification of animals and write the different types of phyla of non-chordates with examples.
- (b) Add a note on the types of symmetry seen in animals.
[12+4]
5. (a) Give the classification of hemichordates and chordates.
- (b) Write short note on reptiles. Give examples.
[6+10]
6. (a) Explain the life cycle of Plasmodium.
- (b) Give a brief note on the structure of Trypanosoma.
[10+6]
7. (a) In detail write the life cycle of Cockroach.
- (b) Write a note on the structure of Mosquito.
[10+6]