

**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**

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**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]

