

**FACULTY OF Pharmacy**

**B. Pharmacy I-Year (Non-CBCS) (Backlog) Examination, July 2019**

**Subject : Biology**

**Time : 3 Hrs**

**Max. Marks: 70**

***Note: Answer All questions, All Questions carry equal marks.***

- 1 a) Discuss general characters of Fungi.  
b) Write an essay on Meiosis.  
**OR**  
c) Describe the plant cell.  
d) Give the morphological details of Flower.
- 2 a) List the medicinal plants from umbelliferae and Solanaceae and give their importance.  
**OR**  
b) Mention the medicinal value and Inflorescence of Leguminosae.
- 3 a) Discuss polyploidy and its advantages in plant science.  
b) Describe about Mutation in the origin of new species?  
**OR**  
c) What are the differences between Respiration and Photosynthesis?  
d) Describe Transpiration in detail.
- 4 a) Describe the Histology of Liver.  
b) Mention the differences between Animal and Plant Cell.  
**OR**  
c) Draw a neat labeled diagram of Frog Alimentary Canal.
- 5 a) Describe in detail "Plasmodium" with the help of a diagram.  
b) Give the details of life History of Housefly.  
**OR**  
c) Write an essay on Trypanosomiasis.  
d) Define the word vector and give examples.

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