

Code No. 4036

FACULTY**B. Pharmacy I – Year (Suppl.) Examination, November 2016****Subject: Biology****Time: 3 Hrs****Max.Marks: 70****Note: Answer all questions. All questions carry equal marks.**

- 1 a) Write an essay on mitosis.
b) Discuss general characters of fungi.
OR
c) Give the morphological details of a flower.
d) Describe the plant cell.
- 2 a) List the medicinal plants from Leguminosae and give their importance.
b) Give status of Apocynaceae in the classification.
OR
c) Mention the medicinal value of Rubiaceae.
d) Describe the inflorescence of Umbelliferae.
- 3 a) Discuss hybridization and its advantages in plant science.
b) How does mutation help in the origin of new species?
OR
c) What are the differences between absorption and transpiration?
d) Describe the relevance of photosynthesis in view of food grain production.
- 4 a) Report the differences between animal and plant cell.
b) Describe the histology of kidney.
OR
c) Draw a neat labeled diagram of the alimentary canal.
d) Why ovary is known as endocrine gland?
- 5 a) Describe in detail "Entamoeba", with the help of a diagram.
b) Give the details of life history of housefly.
OR
c) Write an essay on leishmaniasis.
d) Define the word vector and give examples.
