

Code No. 7006

FACULTY OF TECHNOLOGYB. Pharmacy I- Year (**Supplementary**) Examination, Mar 2010Subject : **BIOLOGY**

Time : 3 Hours)

[Max. Marks: 70

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

- 1.(a)(i) Give the salient features of plant cell. (7)
(ii) Describe the structure and function of xylem. (7)

OR

- (b)(i) Write the differences of mitosis and meiosis. (7)
(ii) Describe modifications of root. (7)

- 2.(a) Give the classification, medical and economic importance of solanaceae. (14)

OR

- (b)(i) Give the classification of Leguminosae. (7)
(ii) Write the medicinal and economic importance of Rubiaceae. (7)

- 3.(a) What are mutations ? Explain the basis of significance of mutations. (14)

OR

- (b)(i) Describe the physiology of photosynthesis. (7)
(ii) What is DNA replication ? Explain replication process. (7)

- 4.(a)(i) Explain the histological structure of liver.
(ii) Enumerate the endocrine glands of rabbit with functions.

OR

- (b)(i) Describe the structure and function of kidney. (7)
(ii) Write the difference of animal cell with that of plant cell. (7)

- 5.(a) Discuss the morphology and life history of Trypanosoma. (14)

OR

- (b)(i) Describe the life history of Entamoeba. (7)
(ii) Discuss the diseases spread by mosquitoes. (7)