

15/12/11 - A. N. O. K.

Code No.: 6506

FACULTY OF PHARMACY

Elementary Examination,

2011

BIOLOGY

Time 3 Hours

Mark :

Answer all questions.
All questions are of equal weight.

i) Discuss the structure and functions of simple permanent tissue in plants. 7

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Or (a) Draw neat longitudinal and transverse sections (T.S.). 7

Discuss about root modification. 7

(b) (i) Describe the vegetative and floral characters of Leguminosae. 7

(ii) Give the economic and Medicinal importance of Apocynaceae. 7

Or

(b) (i) Discuss the taxonomy of Rubiaceae, 7

(ii) Give the floral formula, floral diagram and Characteristic of Solanaceae, 7

3. (a) (i) Write the mechanism of transpiration in plants. 7

(ii) Describe anaerobic respiration in plants. 7

Or

(4) (i) Explain about basis in DNA Replication. 7

(ii) Write a note on Polyplakids, 7

(a) (i) Write about cell division. 7

Describe the arterial system of frog with neat labelled diagram.

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- (b) (i) Draw and describe the Histology of Rabbit Pancrease. 7
- (ii) Differentiate between plant cell and animal cell. 7
5. (a) (i) Describe the life history of house fly. 7
- (ii) Describe the life cycle of tapeworm. 7
- Or
- (b) (i) Describe the life cycle of plasmodium. 7
- (ii) Write about the life cycle of Ascaris. 7
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