

B. N. BANDODKAR COLLEGE OF SCIENCE, THANE - 400 601.
FIRST TERM EXAMINATION OCT. - 2010

S. Y. B. Sc.

TIME : 2 Hrs.

SUBJECT : BOTANY - III

MARKS : 60

N. B. : 1. All questions are compulsory.

2. Figures to the right indicate marks.

3. Draw neat and labeled diagrams wherever necessary.

Q.1 A) Answer in ONE sentence :

i) What are crude drugs ? [1]

ii) Define afforestation [1]

iii) What is weathering ? [1]

B) Answer ANY TWO of the following :

i) What are alkaloids ? Describe the Tropane type of alkaloid. Add a note on their extraction. [6]

ii) What are the adverse effects of deforestation. [6]

iii) Explain the process of soil formation. [6]

Q.2 A) Give a brief account of tannins. [7]

B) What are glycosides? Discuss their distribution, properties, types and uses. [8]

OR

B) Give an account of volatile oils. [8]

Q.3 A) Give detailed account of forest regeneration. [7]

B) What are different types of social forestry ? Explain any two in detail. [8]

OR

B) Give an account of farm forestry. [8]

Q.4 A) With reference to plant community explain Stratification. [7]

B) Explain the soil composition. [8]

OR

B) With reference to plant community explain species dominance. [8]

