

**B.N.BANDODKAR COLLEGE OF SCIENCE, THANE**  
T.Y.B.Sc. Preliminary Examination Feb- 2012  
Botany (Horticulture I)

Duration: 3 Hours

Total Marks: 60

N.B.

- All questions are compulsory.
- All questions carry equal marks.
- Draw neat and labeled diagrams wherever necessary.

Q. 1. Write short notes on any **four** of the following: 20 M

- a. Landscape gardening.
- b. Bonemeal
- c. Earthworm as the friend of farmers.
- d. Application of tissue culture in relation to Horticulture.
- e. Seed treatment to control disease.
- f. Horticulture Training Centre – Talegoan.

Q.2. Answer any **two** of the following:- 20 M

- a. With reference to plant propagation explain layering.
- b. With reference to horticulture discuss sericulture explaining different types of silkworm.
- c. Discuss the technique of emasculation and bagging with respect to developing new varieties.

Q.3. . Answer any **two** of the following:- 20 M

- a. With reference to biofertilizer explain, Cyanobacteria and Seaweeds.
- b. Discuss in detail, collection and storage of seeds.
- c. Describe the propagation of plants by runner and suckers.

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