

Botany

- NOTE:** 1. All questions are compulsory.
2. Figures to right indicate marks.
3. Draw labeled diagrams wherever necessary.

Q.1. Define Horticulture. Explain Olericulture as a branch of Horticulture. (15M)

OR

Q.1. What is Sericulture? Explain in detail life cycle of Silkworm. (15M)

Q.2. Define layering and describe different techniques of layering. (15M)

OR

Q.2. What is propagation? Explain cutting and its types. (15M)

Q.3. Write a note of symptoms, causative agent and control measure of following diseases (any three). (15M)

- i. Powdery Mildew
- ii. Citrus Canker

- iii. Rust
- iv. Wilt

OR

Q.3. Describe fertilizers? Add a note on Nitrogenous fertilizers and their application. (15M)

Q.4. Explain importance of site selection as garden operation and add a note on preparation of soil. (15M)

OR

Q.4. Write a note on conservation and management of water through Horticulture. (15M)

Q.5. Write notes on (any three). (15M)

- a. Nursery culture
- b. Horticulture Training Centre
- c. Budding
- d. Organic farming
- e. Oil cake
- f. Mulching

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