

**Roll No.**

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**Total No. of Pages : 02**

**Total No. of Questions : 09**

**B.Sc.(Hons)(Agriculture) (Sem.-1)**  
**FUNDAMENTALS OF HORTICULTURE**

**Subject Code : BSAG-101-19**

**M.Code : 76924**

**Date of Examination : 10-01-2023**

**Time : 3 Hrs.**

**Max. Marks : 60**

### INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.**

## SECTION-A

**1. Write briefly :**

- a) Desuckering in banana
- b) Granulation
- c) Ripening by using PGRs
- d) Enlist micro and macro nutrients (four in each)
- e) Girdling
- f) Fertigation
- g) Modified basin system
- h) Pollinators vs Pollinizer
- i) Seed dormancy
- j) Enlist major organizations engaged on research and extension of horticulture?

### **SECTION-B**

2. What is Flower Bud Differentiation (FBD)? Discuss the practices which are influenced by the time of FBD.
3. Classify the fruits based on the climatic requirements.
4. What is juvenility? Enlist factors affecting it.
5. Describe methodology and time of pruning in Peach.
6. What are medicinal and aromatic plants? Give five examples of each.

### **SECTION-C**

7. Principles and method of training and pruning in fruits.
8. Discuss role of Plant Growth Regulators (PGRs) in Horticulture.
9. Discuss the causes and management of unfruitfulness in fruit crops.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**