

Roll No. 

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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. (Agriculture) (2014 to 2018) (Sem.-7)

**NURSERY MANAGEMENT OF HORTICULTURAL CROPS**

Subject Code : BSAG-HC701

M.Code : 74834

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****Q1. Write short notes on :**

- a. Side grafting
- b. Stratification
- c. Dedifferentiation
- d. Micro-propagation
- e. Interstock
- f. Rooting media
- g. Polyhouse
- h. Soft wood cuttings
- i. Quarantine
- j. Nucellar seedling

### SECTION-B

- Q2. Discuss the various anatomical basis for rooting of hard cuttings.
- Q3. What is role of auxin and cytokinins in micro-propagation of fruit plants?
- Q4. What are the characteristics of ideal media/mixture for containerised propagation?
- Q5. Write the duties of registered nurserymen having valid registration.
- Q6. How do you identify and manage the citrus leaf minor and citrus psylla in nursery.

### SECTION-C

- Q7. Discuss in details physiology of dwarfing of apple rootstocks.
- Q8. Briefly discuss the economics of raising disease free plants of Kinnow mandarin in protected conditions.
- Q9. What is mist propagation? Explain its different kinds, components and planting environment in mist propagation unit.

**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.**