

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

**B.Sc. (Agriculture) (2014 & Onwards) (Sem.-7)**  
**NURSERY MANAGEMENT OF HORTICULTURAL CROPS**  
Subject Code : BSAG-HC701  
Paper ID : [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) Seed dormancy.
- (b) Stock scion relationship.
- (c) Air layering.
- (d) Different containers used for nursery production.
- (e) Nursery Quarantine.
- (f) Sexual propagation.
- (g) Nursery certification.
- (h) Guidelines for nursery raising.
- (i) Deficiency symptoms of N in nursery plants and their management.
- (j) Qualities for ideal growing media.

**SECTION-B**

- Q2. What are the advantages and disadvantages of asexual propagation?
- Q3. What are the different types of growing media used in nursery production?
- Q4. What are various plant propagation structures in nursery production?
- Q5. Discuss about principles of plant propagation.
- Q6. Differentiate between tongue grafting and T budding.

**SECTION-C**

- Q7. What are the various steps involved while raising the plants through tissue culture? Write advantages and problems faced while raising the plants through tissue culture.
- Q8. Which are the most common pests infecting the nursery plants? Write in detail about their management strategies.
- Q9. Explain seed germination. What are the various factors affecting seed germination?