

Total No. of Pages: 2

Register Number:

7221

Name of the Candidate:

DIPLOMA EXAMINATION - 2010
(HORTICULTURAL NURSERY MANAGEMENT)

(PAPER – II)

120. PRODUCTION, MAINTENANCE AND PROTECTION OF
NURSERY PLANTS

December)
Hours

(Time: 3

Maximum: 100 Marks

SECTION – A

I. Answer any FIVE of the following short notes:

(5 × 2 = 10)

1. Shadenet.
2. Picking.
3. Scarification.
4. Root Stock.
5. Precuring.
6. Micro Propagation.
7. Spagnum moss.
8. Air layering.
9. Row cover.
10. Soft Wood Grafting.

SECTION – B

II. Define any FIVE of the following:

(5 × 2 = 10)

1. Vivipary.
2. Layering.
3. Hardening.
4. Growth regulator.
5. Stratification.
6. Sexual Propagation.
7. Contact insecticide.

- 8. Somoclonal variation.
- 9. Scion.
- 10. Deporting.

SECTION – C

II. Compare and contrast any FIVE of the following:

(5 × 4 = 20)

- 1. Epicotyl grafting and soft wood grafting
- 2. Grafting and Budding
- 3. Leaf cutting and leaf bud cutting
- 4. Micropropagation and micro grafting
- 5. Urea & Azospirlum
- 6. Scion and stion
- 7. Sterilization and seed treatment
- 8. Partheno carpy and Partheno genesis
- 9. Pot mixture and liquid manures
- 10. Shadenet house and poly funnel

SECTION – D

II. Answer any FIVE of the following:

(5 × 12 = 60)

- 1. Discuss various media and containers, used in a commercial nursery.
- 2. Explain the containerized seedling production of vegetable crops.
- 3. Discuss growth regulators in nursery plants production.
- 4. Discuss the strategies involved in optimising production cost in a commercial nursery.
- 5. Explain the importance of establishment and maintenance of mist chamber in a nursery.
- 6. Give an account of primary and secondary nursery bed.
- 7. Discuss nutrient management in nursery plants maintenance.

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