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B.Sc. (Agriculture) (2014 & Onwards) (Sem.-7) FORCING TECHNIQUES IN VEGETABLE PRODUCTION

Subject Code: BSAG-HC706 Paper ID: [74839]

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

O1. Write short notes on:

- a) Aeroponics.
- b) Fertigation.
- c) Green house effect.
- d) Low cost poly net house.
- e) Emasculation.
- f) Tomato varieties for raising in poly house.
- g) Black mulches.
- h) Plastic tunnel.
- i) Poly House
- i) Pollination.

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SECTION-B

- Q2. Explain the procedure of soil solarization in a poly house.
- Q3. What are the advantages of raising a nursery of vegetable crops?
- Q4. What the major problems of raising the vegetable crops in protected structures?
- Q5. Discuss the strategies adopted for water management in a poly house.
- Q6. Discuss seed production strategies adopted for quality seed production of *Solanaceous* vegetable crops.

SECTION-C

- Q7. What are major insects of the vegetable crops in a poly house? Write the management strategies to control the insects.
- Q8. Discuss about different types of growing media used for vegetable growing. What should be the characteristics of a good growing media for vegetable nursery raising?
- Q9. Explain the package of practices for raising sweet pepper in off season under protected cultivation.

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