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# B.Sc. (Agriculture) (2014 to 2018) (Sem.-7) FORCING TECHNIQUES IN VEGETABLE PRODUCTION

Subject Code: BSAG-HC-706 M.Code: 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**

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### 1. Write short notes on:

- a. Micro-climate
- b. Fogging
- c. Hydroponics
- d. Pro-tray
- e. Water use efficiency
- f. Pruning and training of sweet pepper
- g. Water soluble fertilizer
- h. Coloured capsicum
- i. Blossom end rot in tomato
- j. Low tunnel technology



#### **SECTION-B**

- 2. How the protected structures can be useful in raising the nursery of vegetable crops?
- 3. Discuss the role of mulching in protected cultivation.
- 4. How does light affects vegetable crop production under protected cultivation.
- 5. "Polyhouses can be useful for seed production of vegetable crops" Comment.
- 6. Write a brief note on the pest management in protected cultivation.

#### **SECTION-C**

- 7. What is protected cultivation? Discuss the importance and scope of protected cultivation in India.
- 8. Discuss the cultivation of cucumber in green house taking into account seed rate, sowing time, method of sowing and transplanting, cultivars, fertilizers requirement, harvesting, diseases and insect-pests management.
- 9. Discuss various types of media used in protected cultivation. Which point will you keep in mind while selection of media?

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.

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