

**Total No. of Pages : 02**

**Total No. of Questions : 09**

**B.Sc. (Agriculture) (2014 & Onwards) (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

- 1. 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) Fertigation
- (j) Pollination

### SECTION-B

2. Explain the procedure of soil solarization in a poly house.
3. What are the advantages of raising a nursery of vegetable crops?
4. What are the major problems of raising the vegetable crops in protected structures?
5. Discuss the strategies adopted for water management in a poly house.
6. Discuss seed production strategies adopted for quality seed production of Solanaceous vegetable crops.

### SECTION-C

7. What are major insects of the vegetable crops in a poly house? Write the management strategies to control the insects.
8. 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?
9. Explain the package of practices for raising sweet pepper in off season under protected cultivation.

**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.**