

Roll No. 

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Total No. of Pages : 02

Total No. of Questions : 18

**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**

**Write short notes on :**

1. Protected cultivation
2. Hydroponics
3. Seed less cucumber
4. Poly low tunnels
5. Plastic Mulches
6. Hybrid seed production
7. Sweet pepper varieties for raising in poly house
8. Shade-net house
9. Soil less culture
10. Drip irrigation

### SECTION-B

11. What are the advantages of protected cultivation?
12. What are the prerequisites for site selection to establish a poly house?
13. Explain the different types of poly houses along with the examples of crops that can be grown.
14. Differentiate between poly house and a net house.
15. What are the basic principles of sustainable land use system?

### SECTION-C

16. What are major diseases of the vegetable crops in a poly house? Write the management strategies to control the diseases.
17. What is mulching? What type of mulches are used in protected cultivation of vegetables, discuss along with advantages and examples?
18. Explain the package of practices for raising tomato 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.**