

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. - Honours (Agriculture) (Sem-6)

**PROTECTED CULTIVATION AND SECONDARY AGRICULTURE**

Subject Code : BSAG602-19

M.Code : 91793

Date of Examination : 16-06-2023

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 briefly :**

- a) Low cost greenhouse
- b) Recirculatory dryer
- c) Thermoplastics for greenhouse
- d) Moisture measurement in grains
- e) Mechanism of grain drying
- f) Thermal velocity of grains
- g) Elevators for material handling
- h) Drying theory
- i) Selection of site for greenhouse
- j) Drip irrigation in greenhouses

## SECTION-B

2. What are the advantages and disadvantages of glasshouses *vs.* polyhouses? Which one is preferred and why?
3. Explain various types of greenhouse designs.
4. What are the various types of gadgets for greenhouse heating?
5. What are the deep bed *vs* flat bed dryers? Explain with advantages and disadvantages.
6. What are the various covering materials used in greenhouse construction? What are the desirable features of a good covering material?

## SECTION-C

7. What are the different types of dehydration? Give a detailed account.
8. Describe the cost estimation and economic analysis of greenhouse cultivation.
9. Discuss in detail greenhouse technology, planning, design and types of greenhouse.

**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.**