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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. (Agriculture)(Sem.–6)

PROTECTED CULTIVATION SECONDARY AGRICULTURE

Subject Code :BSAG602-19

M.Code :91793

Date of Examination : 04-07-22

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) Passive solar greenhouse
- b) Glass house
- c) Net house
- d) Greenhouse effect
- e) Shade net
- f) List green house types based on covering materials.
- g) Polyhouse
- h) EMC
- i) Solar dryer
- j) Drying theory

SECTION-B

2. What are drying and dehydration methods?
3. What are the advantages of green house? What is the criteria for selection of crops for green houses?
4. Write down the principle and working of conveyer and elevators.
5. Write a brief account of criteria of green house for cooling and heating purposes.
6. Discuss in detail about hot air greenhouse heating systems and greenhouse drying?

SECTION-C

7. Describe the physical, thermal, aero and hydrodynamic properties of cereals, pulses and oilseed.
8. What is the irrigation systems used in greenhouse? Give cost estimation and economic analysis.
9. Discuss the response of plants to greenhouse environment.

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.