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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. Hons. (Agriculture) (Sem.-3)

PRODUCTION TECHNOLOGY FOR VEGETABLES & SPICES

Subject Code : BSAG-306-19

M.Code : 78661

Date of Examination : 18-05-2023

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. Justify the following statements :

- a) Vegetables are known as protective food.
- b) Soil sterilization is necessary to raise healthy vegetable nursery.
- c) Nursery of hybrids should be grown in pro-trays.
- d) Night temperature is crucial for color development in tomato.
- e) Chilli is tolerant to high temperature.
- f) Physiological maturity differs from horticultural maturity in vegetables.
- g) Low tunnel technology.
- h) Seed production of vegetables is highly specialized technique.
- i) Red ripe stage tomato is best for processing.
- j) Kitchen garden can be planned on any piece of land available in the house.

SECTION-B

2. Write in detail about the production technology of Brinjal.
3. The nitrogen, phosphorus and potassium content of FYM on a dry weight basis are 1.2 %, 0.5% and 0.4%, respectively. If the FYM contains 75 per cent moisture, calculate the nitrogen content of the moist sample.
4. Write in detail about the production technology of French bean.
5. Write in detail about the production technology of perennial crops.
6. Write in detail about the production technology of root vegetables.

SECTION-C

7. Discuss the importance and future prospects of vegetable cultivation in Punjab and India.
8. Kitchen garden can be planned on any piece of land available in the house. Discuss in detail and enlist different types of vegetable gardens.
9. Discuss the cause and remedial measures of physiological disorders of Solanaceous crops.

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.