

**Roll No.**

**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 : 19-12-22**

**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 briefly :**

- 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 is differs from horticultural maturity in vegetables.
- g) Low tunnel technology.
- h) Seed production of vegetables is highly specialized technique.
- i) Red ripe stage is 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 Cole crops.
3. The nitrogen, phosphorus and potassium content of vermicompost (FYM) on a dry weight basis are 1.5%, 0.8% and 0.7%, respectively. If the vermicompost contains 50 per cent moisture, calculate the nitrogen content of the moist sample.
4. Write in detail about the production technology of melons.
5. Write in detail about the production technology of bulb crops.
6. Write in detail about the production technology of leafy 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 and Cole 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.**