

**Roll No.**

**Total No. of Pages : 02**

**Total No. of Questions : 09**

**B.Sc. (BT) (Sem.-5)**

## ORGANIC FARMING

**Subject Code : BSBT-501-18**

**M.Code : 78346**

**Date of Examination : 12-12-2022**

**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 :**

- Organic Farming
- Soil Enzymes
- Fukuoka Farming
- Agnihotra Krishi
- Trichogramma Cards
- Natural farming
- Bulky organic manures
- Non-edible castor cake
- Sewage and Sludge
- Bio-pesticides

## SECTION- B

2. Write down role of organic farming in sustainable agriculture.
3. Write down short note on phytoremediation.
4. Discuss use of soil health cards.
5. Discuss the Biodynamic agriculture.
6. Write a short note on significance of organic farming.

## SECTION-C

7.
  - i) Write down the advantages and disadvantages of organic agriculture.
  - ii) Discuss in detail about role of micro-organisms in degradation of pesticides.
8. Define green manure. Enlist different green manuring crops. Write down procedure of production and incorporation of green manure crop. Write down advantages and disadvantages of green manure crops.
9.
  - i) Discuss the importance of soil enzymes in organic farming.
  - ii) Differentiate farmyard manure and vermi-compost.
  - iii) Describe the area which can be easily converted to organic farming with existing resources under Punjab conditions.

**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.**