

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END THEORY EXAMINATION

B.Sc.(Hons.) Agriculture

Semester : IV (New)	Term : Second	Academic Year : 2023-24
Course No. : AGRO 248	Title : Principles of Organic Farming	
Credits : 2 (1+1)	Time : 9:00 to 11:00 hrs.	Total Marks : 40
Day & Date : Monday, 22.04.2024		

- Note :
1. Solve ANY EIGHT questions from SECTION 'A'.
 2. All questions from SECTION 'B' are compulsory.
 3. All questions carry equal marks.
 4. Draw neat diagram wherever necessary.

SECTION 'A'

- Q.1 Define Integrated Pest Management. Explain in detail the mechanical methods.
- Q.2 What do you mean by Organic Manures? Give the classification of organic manures.
- Q.3 Define Integrated Weed Management. Discuss in brief different methods of weed management in organic farming.
- Q.4 Define Organic Farming. Write the advantages and disadvantages of organic farming.
- Q.5 What is Recycling of organic residues? Elaborate the sources of organic wastes.
- Q.6 What do you mean by Processing? Write the techniques adopted for processing.
- Q.7 Define Biofertilizers and give classification of biofertilizers.
- Q.8 What do you mean by Organic Certification? Discuss in brief Certification and Inspection in organic farming.
- Q.9 What do you mean by Vermicomposting? State the advantages of vermicompost.
- Q.10 Write short notes on (Any Two):
- a) Vermiwash
 - b) Key characteristics of organic market
 - c) Labeling of organic produce

SECTION 'B'

- Q.11 Do as directed:
- 1) State the long form of NSOP.
 - 2) Who is known as the 'Father of Organic Farming'?
 - 3) _____ and _____ have developed Indore method of composting.
 - 4) Define: Parasitoids.

- Q.12 Match the pairs:

'A'

'B'

- | | |
|---------------|-----------------------|
| 1) Sannhemp | a) Sexual attractants |
| 2) Castor | b) Viral pesticide |
| 3) Pheromones | c) Green manuring |
| 4) NPV | d) Trap crop |

