

**MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE**  
**SEMESTER END THEORY EXAMINATION**

**B.Sc.(Hons.) Horticulture**

Semester	: V (New)	Term	: First	Academic Year	: 2023-24
Course No.	: H/AGRO 351	Title	: Organic Farming		
Credits	: 2 (1+1)				
Day & Date	: Friday, 8.12.2023	Time	: 14:00 to 16:00 hrs.	Total Marks	: 40

- 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 What do you mean by organic farming? Explain organic production requirement.
- Q.2 Enlist methods of composting and explain in detail NADEP method of composting.
- Q.3 Write short notes on (Any Two):
- a) Biopesticides    b) Biofertilizers    c) Green manuring    d) Pheromones
- Q.4 Explain the procedure for preparation of vermicomposting.
- Q.5 What do you mean by recycling of organic residues in organic farming? Write down ways of recycling the organic residue in the soil.
- Q.6 Give in detail about integrated weed management.
- Q.7 Explain biocontrol agents and write benefits of using biocontrol agents.
- Q.8 Explain accreditation procedure of organic farming.
- Q.9 Explain minimum requirement for certification of organic product.
- Q.10 Write in detail about biological intensive nutrient management.

**SECTION 'B'**

- Q.11 Define the following terms:
- 1) Parasitoids    2) Soil conditioners    3) Trap crops    4) Vermiculture
- Q.12 Fill in the blanks:
- 1) On an average, well decomposed F.Y.M. contains \_\_\_\_\_% N, \_\_\_\_\_% P<sub>2</sub>O<sub>5</sub> and \_\_\_\_\_% K<sub>2</sub>O.
- 2) \_\_\_\_\_ are bio-control agents those hunt/cat the insect pests.
- 3) The basic standards for organic production and processing (IBS) of the International Federation of Organic Agriculture Movements (IFOAM) were first published in \_\_\_\_\_.
- 4) Indore method of composting has been developed by \_\_\_\_\_.

