

25

2112A013

BACHELOR OF VOCATION
Agriculture
Subject: Organic Farming
Subject Code: AGR-504
Semester: First
December 2021
Theory (External): 35 Marks
Time: 03 Hours

Instructions to the Students

1. This Question paper consists of two Sections. All sections are compulsory.
2. Section A comprises 10 questions of objective type in nature. All questions are compulsory. Each question carries 1 mark.
3. Section B comprises 8 essay type questions out of which students need to do any 5. Each question carries 5 marks.
4. Read the questions carefully and write the answers in the answer sheets provided.
5. Do not write anything on the question paper.
6. Wherever necessary, the diagram drawn should be neat and properly labelled

Roll Number									

SECTION –A (SHORT/OBJECTIVE TYPE QUESTIONS)
(10x1=10 Marks)

- A. What is Organic Farming?
- B. What is Soil Biome?
- C. What is Urban Farming?
- D. How do Organic farms manage fertility?
- E. How are weeds managed on Organic farms?
- F. Explain what is Organic Certification and its need?
- G. Do Organic farmers take any precautions when they apply manure on organic farms?
- H. Can pesticides be used on an Organic farm?
- I. Is there a difference between 'Natural' and 'Organic' foods?
- J. Is water quality important in Hydroponics?

26

SECTION –B (ESSAY TYPE QUESTIONS)
(5x5=25 Marks)

1. Explain the fundamentals and principal of Organic farming and its application.
2. What is the difference between Organic and Conventional farming? Explain in detail.
3. What is Soil Biodiversity and why is it important? What is the biggest challenge in preserving biodiversity? Explain how we can protect soil biodiversity?
4. Explain what Organic Certification process is and who controls it? How long does Organic Certification last?
5. What is the need and future of Urban agriculture in India? Explain the main factors involved?
6. Explain in detail what is Hydroponics and its process. What are the benefits of growing hydroponically?
7. What is Aquaponics? How does Aquaponics help the environment, explain?
8. Explain the role of major category pesticides under intensive farming and their environmental impact?

==END OF PAPER==