

April 2025
B.A./B.Sc.
Second Semester
VALUE ADDED COURSE – 2
BOTANY
Course Code: BOV 2.11
(Organic Farming)

Total Mark: 50
Time: 2 hours

Pass Mark: 20

I. Answer three questions, taking one from each unit.

UNIT-I

1. Explain why organic certification is important. Discuss the process of organic certification in India. 4+8=12
2. Give a brief account on the promotion of organic production in India. Emphasize on the role of NPOP. 8+4=12

UNIT-II

3. Give an account on the importance of soil in organic farming. Give a brief account on soil profile. 8+4=12
4. Write notes on the following: 6×2=12
 - (a) Mycorrhiza and its significance
 - (b) Overground and pit composting

UNIT-III

5. Give a stepwise account on the land and seedbed preparation for organic farming. Write a brief account on the importance of seed selection. 8+4=12
6. Write notes on the following: 6×2=12
 - (a) Weed control and management in farming
 - (b) Record keeping and documentation

II. Answer any two of the following questions.

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| 7. Explain the principles of organic farming. | 7 |
| 8. Explain botanical products in disease control. | 7 |
| 9. Write a note on biological pest management. | 7 |
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