

# **ASSIGNMENT BOOKLET**

**(For January 2024 and  
July 2024 Sessions)**

**Diploma in Horticulture  
(DHORT)**



*School of Agriculture*  
**Indira Gandhi National Open University**  
**New Delhi - 110068**

Dear Learners,

As you are aware that for theory, the weightage to the term-end examination will be 80% and the weightage to the continuous assessment will be 20%. The continuous assessment is in form of assignments. There is one assignment for each course i.e. total four assignments for the programme. Each assignment will be of 50 marks, which ultimately will be converted to have weightage of 20% of theory. Instructions to format your assignments are as follows:

**Before attempting the assignments, please read the following instructions carefully.**

1. First of all, read the assignment questions and instructions and identify the components of an assignment. You should read the relevant sections and sub-sections of a unit while preparing your responses. Write answers in your own words. Your responses should not be a verbatim reproduction of the textual materials / blocks provided for self- learning purpose. We also suggest that, you may read additional available in your study centre or in any other library before preparing your responses. But extra reading is not a must to answer these assignments.
2. On top of the first page of your answer sheet, please write the details exactly in the following format.

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Enrollment no:.....

Name:.....

Address:.....

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Course Code:..... Course Title:.....

Study Centre:..... Date:.....

(Name and Code)

3. Use foolscap size paper for writing your answer.
4. Leave 4cm margin on the top, bottom and left of your answer sheet.
5. Clearly indicate question no. and part of the question being solved while writing answers.

Assignment No.	Last date of submission (For January, 2024)	Last date of submission (For July, 2024)
Assignment 1 (BAP-002)	30th August, 2024	28th February, 2025
Assignment 2 (BAPI-004)	(Before submission of TEE Form)	(Before submission of TEE Form)
Assignment 3 (BAPI-005)		
Assignment 4 (BAPI-006) & Assignment 4 (BAPI-007)		

6. Assignments have to be sent to the coordinator of your study centre. You can submit all your assignments before submission of exam form for Term-End-Examination (TEE). Assignment should be submitted before the submission of TEE Exam Form as per the University schedule. You can also submit your assignment to the nearest IGNOU, Regional Centre.
7. **We strongly suggest that you should retain a copy of your assignment responses.**

Wishing you good luck!

**Assignment - 1**  
**Course Code: BAP-002**  
**Course Title: Basic Horticulture**

**Maximum Marks: 50**

**Note: All questions are compulsory and carry equal marks.**

Q.1.	What is horticulture and how it is suitable for the improvement of the farmers? Please explain with your experiences. Also enlist major constraints in the development of this sector in India.	10
Q.2.	Illustrate the significance of vegetables in our diet. Explain the role of drying in nutritional loss and preservation in the Foods.	10
Q.3.	Please discuss the Major categories of injuries in the horticultural plants caused by the temperature.	10
Q.4.	What do you mean by Toxicity of the Nutrients in Horticulture? Discuss toxicity symptoms of five nutrients in horticultural plants.	10
Q.5.	Explain the role of Training and Transfer of technology in the expansion and capacity building in the area of Horticulture.	10

**Assignment - 2**  
**Course Code: BAPI-004**  
**Course Title: Production Technology of Fruit Crops**

**Maximum Marks: 50**

**Note: All questions are compulsory and carry equal marks.**

Q.1.	Discuss symptoms of major diseases of Apple and also describe their control.	10
Q.2.	Explain the pests and disease management in Sapota and Jackfruit.	10
Q.3.	Discuss the Cultural Practices for the successful Cashew Cultivation.	10
Q.4.	Explain the area and production status of Date Palm in India. Write about its uses.	10
Q.5.	Describe the disease management in Aonla.	10

**Assignment - 3**  
**Course Code: BAPI-005**  
**Course Title: Production Technology of Vegetable Crops**

**Maximum Marks: 50**

**Note: All questions are compulsory and carry equal marks.**

Q.1.	Discuss the importance of vegetable crops in India and also their importance in the human diet.	10
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Q.2.	Discuss the harvesting of Garlic and Onion. Also describe their suitable storage techniques.	10
Q.3.	Explain the cultivation of three prominent winter vegetable crops.	10
Q.4.	What are the common Summer season vegetables grown in India? Discuss the planting method of any three.	10
Q.5.	Discuss the planting methods of Sweet Potato and Potato.	10

**Assignment - 4**  
**Course Code: BAPI-006**  
**Course Title: Floriculture and Landscaping**

**Maximum Marks: 50**

**Note: All questions are compulsory and carry equal marks.**

Q.1.	Discuss the climatic and cultural requirements of five Major cut flowers of India.	10
Q.2.	Explain the basic principles of landscape design.	10
Q.3.	What are the common Bulbous Plants? Discuss their cultural practices.	10
Q.4.	Discuss the propagation method of Tuberose and gladiolus. Also explain their contribution in economy of a family.	10
Q.5.	Discuss about various types of Rock Gardens and their significance with suitable examples.	10

**Assignment - 5**  
**Course Code: BAPI-007**  
**Course Title: Plant Propagation and Nursery Management**

**Maximum Marks: 50**

**Note: All questions are compulsory and carry equal marks.**

Q.1.	What do you mean by Sexual propagation? Explain the factors responsible for the Seed viability.	10
Q.2.	Explain the common methods employed to detect the seed viability. Also discuss the factors affecting the seed germination.	10
Q.3.	What do you mean by Pillowing? How it affects the seedlings in the nursery? Also discuss its control.	10
Q.4.	Discuss about the Packaging of Nursery Material and its transportation.	10
Q.5.	What is nursery management? How the Nursery is helpful for the improvement in the family income? Discuss in detail.	10