

# **ASSIGNMENT BOOKLET**

**(For January 2022 and  
July 2022 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, 2022)	Last date of submission (For July, 2022)
Assignment 1 (BAP-002)	30th August, 2022	28th February, 2023
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. Illustrate the significance of vegetables in our diet. Explain the role of drying in nutritional loss and preservation in the Foods. 10
- Q.2. Discuss the functions of 5 micronutrients in the Horticultural plants. 10
- Q.3. Explain the role of Training and Transfer of technology in the expansion and capacity building in the area of Horticulture. 10
- Q.4. Discuss the effect of Temperature on seed germination and flowering of Horticultural plants. 10
- Q.5. How do you protect your horticultural plants from adverse climatic conditions? Explain with suitable examples. 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 the product densification and value addition in coconut. 10
- Q.2. Explain the area and production status of Date Palm in India. Write about its uses. 10
- Q.3. Discuss the cultivation practices (cultural practices) of Papaya. 10
- Q.4. Explain the pests and disease management in Sapota and Jackfruit. 10
- Q.5. Discuss the methods of Propagation in Ber. 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. Write down the importance of Kitchen Garden in our health management. Discuss the suitability of crop and their varieties for Kitchen Garden. 10
- Q.2. Discuss the planting methods of Sweet Potato and Potato. 10

- Q.3. Explain the irrigation, weed management and training in summer vegetable crops. 10
- Q.4. Describe the significance of summer and raining season vegetable crops. Give their list and also explain their significance in the household income. 10
- Q.5. Explain the cultivation of three prominent winter vegetable crops. 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 propagation of Orchid and Anthurium flowers. 10
- Q.2. Explain the soils, preparation of land and weed control in tuberose. 10
- Q.3. Discuss about the Annual/ Herbaceous Border in improving the aesthetics of an area. Give example of 10 flowering crop used in it. 10
- Q.4. Explain the basic principles of landscape design. 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. Discuss about the Packaging of Nursery Material and its transportation. 10
- Q.2. What do you mean by Pillowing? How it affects the seedlings in the nursery? Also discuss its control. 10
- Q.3. Discuss about the Low-Cost-Nursery Techniques with suitable examples. 10
- Q.4. Discuss about the seed treatment and its significance in nursery raising. 10
- Q.5. Explain the important advanced methods of plant propagation. 10