

ASSIGNMENT BOOKLET

**(For January 2023 and
July 2023 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 70% and the weightage to the continuous assessment will be 30%. The continuous assessment is in form of assignments. There is one assignment for each course i.e. total five assignments for the programme. Each assignment will be of 50 marks, which ultimately will be converted to have weightage of 30% of theory. Instructions to write/format your assignments are as follows:

1. First of all, read the assignment questions and instructions carefully and identify the components of the 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 material available before preparing your responses. But extra reading is not a must to answer these assignments. Write in your hand writing. Do not change writing otherwise, your assignments will not evaluated.
2. On top of the first page of your answer sheet, please write the details exactly in the following format.

Enrollment no:.....

Name:.....

Address:.....

.....

.....

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, 2023)	Last date of submission (For July, 2023)
Assignment 1 (BAP-002)	30th August, 2023	28th February, 2024
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. 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.**

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. India is an Agrarian country but the development of horticulture has not taken place uniformly. Write the reasons for it. Also elaborate the strategies for the development of horticulture in India. 10
- Q.2. Write about the Human Resource Development (HRD) in Horticulture in India. 10
- Q.3. Explain the characteristics of major climatic conditions suitable for horticulture in India. 10
- Q.4. How the temperature affects the growth and development of horticultural plants? Explain in details. 10
- Q.5. Write about the weed management methods adopted/recommended for the horticultural crops. 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. Write about the Post Harvest Management of Peach and Plum. 10
- Q.2. Discuss about the propagation of citrus. Also give suitable diagram/sketch to enrich your answer. 10
- Q.3. Write down the packages of practices of pineapple cultivation. Also discuss about the production of various value added products of Pineapple. 10
- Q.4. Discuss about the methods of propagation Aonla in details. Also draw sketch to illustrate your answer. 10
- Q.5. Explain the complete chain of activities to be performed for layout of an orchard. 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. Enumerate the significance of vegetable crop seed production for a successful vegetable grower. 10
- Q.2. Discuss about the significance and cultivation of Pumpkin in India. 10

- Q.3. What are important summer and rainy season vegetable crops? Discuss production technology of any three crops. 10
- Q.4. Highlight the significance of Root Vegetables in our diet. Also discuss the production technologies of Reddish and Carrot. 10
- Q.5. How insect and diseases affect the vegetable crop production in our country? Explain the important steps taken by the vegetable growers to contain them. Discuss about the Integrated Pest Management (IPM). 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. Highlight the significance of cut flower in the present era of marketing of flowers in India. Describes the production technology of Rose. 10
- Q.2. Describe about the value addition in flowers. Explain the characteristics, production technique and significance of any three value added products of Flowers. 10
- Q.3. Discuss the production technology and marketing of Gladiolus. 10
- Q.4. What is significance of Tulip flower in the present era of domestic and international markets? Discuss the production technology of Tulip. 10
- Q.5. Many flowers are used to produce essential oils. Write significance of any three essential oils in our life. Also discuss the production technology of Jasmine. 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. In this digital era, how you see the scope of a nursery in the horticultural development in India? Discuss the use of machine in Nursery Management. 10
- Q.2. What is Plant Propagation? Explain the methods of plant propagation emphasizing the procedure of breaking seed dormancy. 10
- Q.3. Define Rooting Media. How it is significant in the Nursery Management? 10
- Q.4. Describe the factors on which the environment of a greenhouse depends/ also discuss the features of various greenhouses. 10
- Q.5. How do you go far soil-less media for Nursery Rainy? Discuss with suitable diagram and examples. 10