

ASSIGNMENT BOOKLET

**(For January 2022 and
July 2022 Sessions)**

**Certificate in Beekeeping
(CIB)**



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.

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 (OAPI-011)	30 th March, 2022	15 th September, 2022
Assignment 2 (OAPI -012)	(Before submission of TEE Form)	(Before submission of TEE Form)
Assignment 3 (OAPI -013)		

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. However, with late fee assignment can be submitted till last day of the submission TEE Exam form.
7. **We strongly suggest that you should retain a copy of your assignment responses.**

Wishing you good luck!

Assignment - 1
Course Code: OAPI – 011
Course Title: Introduction to Beekeeping

Maximum Marks: 50

Note: All questions are compulsory and carry equal marks.

- Q.1. Why honey bee is called a Social-Insect? Describe the different castes of honey bee and their important role in bee colony. 10
- Q.2. How do the bees communicate with themselves? Describe with the help of proper sketch and example. 10
- Q.3. “Beekeeping provides diversified income to the farmer”. Explain this sentence with suitable example. 10
- Q.4. Prepare a list of important tools and equipments used in Beekeeping. Discuss their use in Beekeeping. 10
- Q.5. Discuss the history of Beekeeping by highlighting the paradigm shifts. 10

Assignment - 2
Course Code: OAPI – 012
Course Title: Management of Honeybee Colonies

Maximum Marks: 50

Note: All questions are compulsory and carry equal marks.

- Q.1. What do you mean by Robbing? How it occurs? Discuss the prevention and control of robbing? 10
- Q.2. What is the significance of Varroa mites in the modern Beekeeping? Give a detailed account on its identification, symptoms of infection, detection and control. 10
- Q.3. Differentiate between absconding and foraging. Discuss the circumstances under which both these phenomena happen. Also discuss the losses/ gains form these behavior of the bees. 10
- Q.4. Explain the detailed methodology of control / management of Bacterial diseases of bees. 10
- Q.5. How to judge the quality of Queen bee? Discuss the good attributes of Queen bee in detail. 10

Assignment - 3
Course Code: OAPI – 013
Course Title: Hive Products and Economics of Beekeeping

Maximum Marks: 50

Note: All questions are compulsory and carry equal marks.

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| Q.1. | What is Propolis? Discuss its composition and uses. | 10 |
| Q.2. | What is Royal Jelly? What are its uses and how it is extracted? Explain in detail. | 10 |
| Q.3. | Describe characteristics of 10 important value added products of honey. | 10 |
| Q.4. | Give a detailed account of schemes implemented by the government for the promotion of the beekeeping in our country. Discuss with their important salient features. | 10 |
| Q.5. | Discuss the concept of migratory beekeeping and its role in diversification of agriculture. | 10 |