

ASSIGNMENT BOOKLET

**(For January 2020 and
July 2020 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:.....
.....
.....

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, 2020)	Last date of Submission (For July, 2020)
Assignment 1 (OAPI-011)	Before 30 th April, 2020	Before 15 th September, 2020
Assignment 2 (OAPI -012)	(Before submission of Term-End Exam Form)	(Before submission of Term-End Exam Form)
Assignment 3 (OAPI -013)		

6. Assignments have to be sent to the coordinator of your study centre.
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 modern Beekeeping is more profitable to than of Ancient Beekeeping? Discuss. 10
- Q.3. Prepare a list of important tools and equipments used in Beekeeping. Discuss their use in Beekeeping. 10
- Q.4. What are benefits of modern hives in Beekeeping? Explain with proper example and diagram. 10
- Q.5. “Beekeeping has not yet taken shape of an organized sector in the country” why? Discuss the limitation of present day Beekeeping. 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. How to judge the quality of Queen bee? Discuss the good attributes of Queen bee in detail. 10
- Q.2. What are the basic principles of honey been management? Describe management practices required during spring season. 10
- Q.3. What do you mean by Robbing? How it occurs? Discuss the prevention and control of robbing? 10
- Q.4. 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.5. What is the significance of Bee-predatory wasp in modern beekeeping? Give and account of their management strategy. 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 crystallization of honey? How it can be prevented. | 10 |
| Q.3. | Discuss methods of testing purity of honey with example and sketch. | 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. | Describe characteristics of 10 important value added products of honey. | 10 |