

ASSIGNMENT BOOKLET

**(For January 2023 and
July 2023 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 three 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 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 (OAPI-011)	30 th March, 2023	15 th September, 2023
Assignment 2 (OAPI -012)	(Before submission of TEE Form)	(Before submission of TEE Form)
Assignment 3 (OAPI -013)		

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. 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.**

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. Prepare a list of important tools and equipments used in Beekeeping. Discuss their use in Beekeeping and also draw sketch of any five tools. 10
- Q.2. Describe the Anatomy of bee with suitable illustration. 10
- Q.3. What are the benefits of modern hives in Beekeeping? Explain with proper example and diagram. 10
- Q.4. How modern Beekeeping is more profitable than of Ancient Beekeeping? Discuss. 10
- Q.5. How do the bees communicate within themselves? Describe with the help of proper sketch and example. 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. How to judge the quality of Queen bee? Discuss the good attributes of Queen bee in detail. 10
- Q.4. Give a detailed account of activities carried out to manage bees during winter season. 10
- Q.5. Explain the detailed methodology of control / management of Bacterial diseases of bees. 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.

- Q.1. Describe characteristics of 10 important value added products of honey and propolis. 10
- Q.2. Discuss the concept of Migratory Beekeeping and its role in diversification of agriculture. 10
- Q.3. Discuss methods of testing purity of honey with example and sketch. 10
- Q.4. What is Propolis? Discuss its composition and uses. 10
- Q.5. Give a detailed account of schemes implemented by the government for the promotion of the beekeeping in our country. Discuss with their salient features. 10