

ASSIGNMENT BOOKLET

**(For January 2021 and
July 2021 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 4 cm 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, 2021)	Last date of submission (For July, 2021)
Assignment 1 (OAPI-011)	Before 30th April, 2021	Before 15 th September, 2021
Assignment 2 (OAPI -012)	(Before submission of	(Before submission of Term-
Assignment 3 (OAPI -013)	Term-End Exam Form)	End Exam Form)

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 Form as per the University schedule. However, with late fee assignment can be submitted till last day of the submission TEE 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. Discuss the history of Beekeeping by highlighting the paradigm shifts in its business. 10
- Q.2. How do the bees communicate ? Describe with the help of proper sketch and example. 10
- Q.3. Please discuss historical developments of beekeeping in our country. Incorporate suitable illustrations wherever necessary. 10
- Q.4. How bee pollination can become a source of income? Discuss. 10
- Q.5. “Beekeeping provides diversified income to the farmer”. Explain this sentence with suitable 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 are the differences between squeezed honey and apiary honey? Describe all possible methods of honey extraction. 10
- Q.2. How to judge the quality of Queen Bee? Discuss about the good attributes of Queen Bee in detail. 10
- Q.3. Explain the detailed methodology of control / management of Protozoan diseases of bees. 10
- Q.4. What do you mean by specific management of bee colonies in modern beekeeping? Enlist important activities which are undertaken in specific bee management. 10
- Q.5. Differentiate between Absconding and Foraging. Discuss the circumstances under which both phenomena happen. Also discuss the losses/ gains form these behaviors of the 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. Honey is termed as “Nectar of Life” but still the consumption of honey in the diet of Indians has not increased. Give reason for it and also suggest the mechanisms to improve the consumption of honey to obtain nutritional security. 10
- Q.2. What is Royal Jelly? What are its uses and how it is extracted? Explain in detail. 10
- Q.3. What is Propolis? Discuss its composition and uses. 10
- Q.4. Discuss the concept of migratory beekeeping and its role in diversification of agriculture. 10
- Q.5. Discuss methods of testing purity of honey with example and sketch. 10