

ASSIGNMENT BOOKLET

(For January 2013 and
July 2013 Sessions)

Certificate in Beekeeping (CIB)



School of Agriculture
Indira Gandhi National Open University
New Delhi – 110068

Dear student,

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 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)

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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, 2013)	Last date of submission (For July, 2013)
Assignment 1 (OAPI -011)	31 st January, 2013	31 st July, 2013
Assignment 2 (OAPI -012)	17 th February, 2013	17 th August, 2013
Assignment 3 (OAPI -013)	23 rd March, 2013	21 st September, 2013

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 question are compulsory and carry equal marks.

- Q.1. (a) Why Beekeeping is still not commercial? Give reasons and explain with suitable examples. 5
- (b) Explain the history of honeybee research and development in our country. 5
- Q.2. Explain the digestive and reproductive systems of honeybee. Also explain the process of bee communication. 10
- Q.3. What is “Custom Bee Pollination”? How it adds in the income of a beekeeper? Explain with suitable examples. 10
- Q.4. (a) What is the future of beekeeping in our country in the next two decades? Explain with your experience. 7
- (b) Describe the benefits of rearing European bee in comparison to Asian bee. 3
- Q.5. (a) Explain the significance of “Floral dearth” in the process of beekeeping. Suggest the measures to overcome the dearth period. 5
- (b) Differentiate between bee flora and other types of flora. Also explain the significance of Floral calendar in beekeeping. 5

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

Maximum Marks – 50

Note: All question are compulsory and carry equal marks.

- Q.1. (a) Explain the symptoms of European foulbrood diseases of bees. 5
- (b) Give a brief account of control of American foulbrood disease (AFD) through physical methods. 5
- Q.2. (a) What do you mean by “Migration of Colonies” in beekeeping? Give a brief account of management strategies to check the migration. How the migration differs with swarming? Explain with examples. 10
- Q.3. (a) Describe management of queen less colonies. 5
- (b) What are the symptoms of initiation of honey flow from the hive? Describe. 5

- Q.4. Explain the ways to reduce bee poisoning. Also explain the factors affecting bee poisoning. 10
- Q.5. (a) Describe the process of fumigation to control the disease in bees. 5
 (b) What do you mean by packing of colonies? Why it is done? Explain. 5

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

Maximum Marks – 50

Note: All question are compulsory and carry equal marks.

- Q.1. (a) Explain the system of marketing of apiary products in our country. Suggest ways to improve it. 5
 (b) Describe the role of KVIC in the production and marketing of honey in our country. 5
- Q.2. How the Cooperative Societies and Self Help Groups (SHG) help production and marketing of honey in our country? Explain in your words with suitable examples. 10
- Q.3. (a) What is the significance of pollen in the beekeeping? Explain. 5
 (b) What is the status of Royal Jelly production at International level? Also explain the uses of Royal Jelly. 5
- Q.4. What is the significance of All India Coordinated Project on Honeybees and Pollinators in the research and development of beekeeping? How it is helpful? Describe the role of CBRTI, Pune in the development of beekeeping in our country. 10
- Q.5. Give a status of the schemes offered by government for the promotion of the beekeeping in our country. Describe features of important schemes. 10