

# **ASSIGNMENT BOOKLET**

**(For January 2015 and  
July 2015 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.

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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, 2015)	Last date of submission (For July, 2015)
Assignment 1 (OAPI-011)	15 <sup>th</sup> March, 2015	31 <sup>st</sup> July, 2015
Assignment 2 (OAPI -012)	15 <sup>th</sup> April, 2015	17 <sup>th</sup> August, 2015
Assignment 3 (OAPI -013)	31 <sup>st</sup> May, 2015	21 <sup>st</sup> September, 2015

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. “Beekeeping has not yet taken shape of an organized sector in the country” why? Discuss the limitation of present day Beekeeping. 10
- Q.2. Please discuss historical developments of beekeeping in our country. Incorporate suitable illustration wherever necessary. 10
- Q.3. Describe the Anatomy of bee with suitable illustration. 10
- Q.4. How the bee flora and flowering plants are helpful in bee-rearing? Give brief description of this. 10
- Q.5. How bee pollination can become a source of income? Discuss. 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 is the significance of Bee-predatory wasp in modern beekeeping? Give and account of their management strategy. 10
- Q.2. What do you mean by Robbing? How it occurs? Discuss the prevention and control of robbing? 10
- Q.3. Give a detailed account of activities carried out to manage bees during winter season. 10
- Q.4. How to judge the quality of Queen bee? Discuss the good attributes of Queen bee in detail. 10
- Q.5. What do you mean by specific management of bee colonies in modern beekeeping? Enlist important activities which are undertaken in specific bee management. 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. 10
- Q.2. 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.3. Discuss the concept of migratory beekeeping and its role in diversification of agriculture. 10
- Q.4. What is crystallization of honey? How it can be prevented. 10
- Q.5. What is Propolis? Discuss its composition and uses. 10