

ASSIGNMENT BOOKLET

DIPLOMA PROGRAMME IN DAIRY TECHNOLOGY (DDT)

Academic Sessions: January 2026 and
July 2026 sessions



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

Dear learner,

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 eight 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:

Instructions to format your assignments

Before attempting the assignments, please read the following instructions carefully.

1. 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)

Please follow the above format strictly to facilitate evaluation and to avoid delay.

2. Use foolscap size plain or ruled paper for writing your answer.
3. Leave 4 cm margin on the top, bottom and left of your answer sheet, write on both the sides with margin and tie /staple all the pages carefully (course-wise).
4. Clearly indicate question no. and part of the question being solved while writing answers.
5. You should write in your own handwriting and only handwritten assignments are evaluated.
6. **Last date** for submitting the assignments for **January 2026 Session is 30th September 2027** and for **July 2026 Session is 30st March 2027** (Check University website for date extension, if any).
7. Assignments have to be sent to the coordinator of your study centre.
8. We strongly suggest that you should retain a copy of your assignment responses.

Wishing you good luck.

(Vijayakumar, P)
Programme Coordinator,
School of Agriculture, IGNOU

LAST DATE FOR SUBMISSION OF ASSIGNMENTS

Course Codes	Last Date for Submission of Assignments at PSC	
	January 2026 Session	July 2026 Session
BPVI-011, BPVI-012, BPVI-013, BPVI-014, BPVI-015, BPVI-016, BPVI-017, BPVI-018	30th September 2026	30th March 2027

Note:

- Kindly submit your assignments at the concerned study centre/PSC within the due date as mentioned above.
- Before submitting the examination form (March and September for June and December Term-end examinations, respectively), it is essential to submit the assignment and get authentication from Programme-in charge or Coordinator of the study centre/PSC for the courses you will be appearing for.

Course Code: BPVI – 011

Course Title: MILK PRODUCTION AND QUALITY OF MILK

Maximum Marks: 50

Note: Attempt all FIVE questions.

- 1) Explain the advantages of the cooperative system in dairy development. Describe the key features of the Anand pattern of cooperative societies, highlighting its role in strengthening rural dairy economy. 10
- 2) Discuss the significance of clean milk production. Explain the practical strategies that can be adopted at the dairy farm level to improve the quality and safety of milk. 10
- 3) Describe the different methods of milk procurement, comparing their merits and demerits. Explain the various criteria used for milk payment and justify which method is most suitable with reasons. 10
- 4) Define the physico-chemical properties of milk and explain how the understanding of these properties helps in effective quality control and processing of milk into different dairy products. 10
- 5) Identify the major factors that promote the growth of microorganisms in milk. Explain the practical measures that can be adopted to control microbial spoilage during handling, storage, and transportation. 10