

ASSIGNMENTS

for

January 2015

and

July 2015 Sessions

Certificate in Poultry Farming (CPF)



School of Agriculture
Indira Gandhi National Open University
New Delhi – 110 068

LAST DATE FOR SUBMISSION OF ASSIGNMENTS

Course Code	Last Date for Submission of Assignments at PSC	
	January 2015 Session	July 2015 Session
OLP -001	28 th February 2015	31 st August 2015
OLPI-001	13 th March 2015	15 th September 2015
OLPI-002	27 th March 2015	29 th September 2015

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.

Dear learner,

Welcome to the ‘‘Certificate in Poultry Farming’’ (CPF) programme.

We hope that you have gone through the Programme Guide of CPF programme carefully and completely. The weightage to the term-end examination (TEE) will be 80% and weightage to the continuous assessment (Assignments) will be 20%. There is one assignment for each course with theory component i.e. three assignments for the programme (OLP-001, OLPI-001 and OLPI-002). Each assignment will be of 50 marks which will be ultimately converted to have weightage of 20% of the theory.

You are requested to go through the study materials first and then prepare the assignment response following the instructions. Your responses should not be a complete reproduction of the textual material/blocks provided for self-learning purposes. Please submit your assignment responses at the Study Centre/Programme Study Centre (PSC) allotted to you on or before the due date. The assignments will be evaluated by the Counsellors at the study centre/PSC and the respective weightage of marks will be added to the percentage of marks obtained at the term-end examination. Each candidate will have to complete assignments in order to appear in the term-end examination. Candidates are, therefore, advised to take assignments seriously and submit them in time.

General Instructions

- 1) If you fail to submit the assignments before the due date of the particular session, you are supposed to attempt the fresh set of assignment of subsequent sessions.
- 2) Write your Enrolment Number, Name, Full Address and Date of Despatch at the top right-hand corner of the first page of your answer sheet.
- 3) Write the Programme Title, Course Title, Assignment Code, Code and Place of the Study Centre on the left- hand corner of the first page of your answer sheet.

The top of the first page of your answer sheet for each assignment should be as follows:

Programme Title	Enrolment No
Course Code	Name
Course Title	Address
Study Centre Code.....
(Place)	Date

Note: Students are required to follow this format strictly.

- 4) Your answer sheet should be complete in all respects. Make sure that you have answered all the questions in assignments before submitting them. Incomplete answer sheets will yield poor marks.
- 5) As far as possible, you are advised to give the relevant points from the course material and elaborate their answers and explanations in your own language instead of reproducing the language of the course materials.

- 6) You are advised not to copy from the study material while attempting the assignments. In case it is found that the assignments have been copied from study material, you will be awarded zero marks.
- 7) Avoid copying from the answer sheets of other learners. If copying is noticed, the assignments of such learners will be rejected.
- 8) Use only foolscap size paper for your answers, ordinary writing paper, neither too thick nor too thin, will do. Assignments should be strictly hand written. Typed assignments are not acceptable.
- 9) Leave 3" margin on the left and at least 4 lines in-between each answer in an assignment. This will enable your Counsellor to write useful comments in appropriate places. Write question number for each answer clearly.
- 10) The coordinator of your Study Centre/PSC will return the evaluated assignments to you. This will also include a copy of assessment sheet containing global comments of the evaluator on your performance in the assignments. This will enable you to improve in your future assignments as well as in the term- end examinations.
- 11) The Assignments should be sent or submitted to the Programme In-charge/ Coordinator of the Study Centre/PSC allotted to you.

Before attempting the assignments, please read the instructions carefully.

Wishing you all the best for successful completion of the programme.

HAPPY LEARNING!

Programme Coordinator (CPF)

OLP-001: INTRODUCTION TO POULTRY FARMING

Maximum Marks: 50

Answer all questions. All questions carry equal marks.

(5x10=50)

- 1) Define the following in one or two lines:
 - i) Poultry
 - ii) Breed
 - iii) Layer
 - iv) Pullet
 - v) Pullet
- 2) Identify any five factors why duck farming is advantageous.
- 3) Describe the factors affecting the poultry meat production.
- 4) Define mixed farming. Describe any one mixed farming system involving poultry.
- 5) Describe the roles of Egg and Poultry Meat Production Cooperatives.
- 6) Give any one characteristic feature of the following breeds:
 - a. New Hampshire
 - b. Leghorn
 - c. Rhode Island Red
 - d. Khaki Campbell
 - e. Beltsville White
- 7) Draw the body parts of duck and name them.
- 8) Describe the female reproductive system of a hen.
- 9) Define Artificial Insemination. What are its advantages and disadvantages?
- 10) Describe Judging of Poultry.

OLPI- 001: POULTRY HOUSING AND MANAGEMENT

Maximum Marks: 50

Answer all questions. All questions carry equal marks.

(5x10=50)

- 1) Describe the basic requirements of a poultry house with respect to the following:
 - a. Location
 - b. Orientation
 - c. Length
 - d. Width
 - e. Height
- 2) Define deep litter system of rearing poultry. For which type of birds they are commonly used in our country? Give its advantages and disadvantages.
- 3) Define battery brooder. What are its advantages and disadvantages?
- 4) Explain the different conditions required for artificial incubation and hatching of chicken egg.
- 5) How would you assess the comfort of chicks during brooding? Depict with the help of a diagram.
- 6) Give the vaccination schedule of broilers and layers.
- 7) Explain Infectious Bursal Disease.
- 8) Describe in detail the housing of ducks.
- 9) Describe the following registers/records maintained in a poultry farm:
 - a. Feed Register
 - b. Layer Farm Register
 - c. Broiler Farm Register
 - d. Hatching eggs out turn Register
 - e. Egg out turn Register
- 10) Define the following:
 - a. HDEP
 - b. Break-even Point
 - c. Entrepreneur
 - d. Candling
 - e. Evisceration

OLPI- 002: POULTRY FEEDS AND FEEDING

Maximum Marks: 50

Answer all questions. All questions carry equal marks.

(5x10=50)

- 1) Define nutrients. Identify different nutrients required by poultry. Explain any one in detail.
- 2) Give two examples each for the following type of feedstuffs:
 - a. Common energy rich feeds
 - b. Common animal protein sources
 - c. Common vegetable protein sources
 - d. Unconventional animal protein sources
 - e. Unconventional vegetable protein sources
- 3) List any two characteristic signs/symptoms of the following deficiency diseases:
 - a. Vitamin D₃ deficiency in layers
 - b. Manganese deficiency in chicks
 - c. Calcium deficiency in layers
 - d. Vitamin B₂ deficiency in chicks
 - e. Selenium deficiency in chicks
- 4) Define the following:
 - a. Pre-biotics
 - b. Coccidiostats
 - c. Aflatoxins
 - d. Pro-biotics
 - e. Antioxidants
- 5) List the different endogenous toxicants present in the feed. Explain any TWO in detail.
- 6) Define balanced ration. Describe the points to be considered for formulation of diet.
- 7) Prepare a broiler starter ration containing 22% Crude Protein (CP) by mixing Maize (CP=9%) and De-hulled Soybean meal (CP=45%) using Pearson Square Method.

8) Explain the following in brief:

- a. Dry Mash
- b. Pre-mixing
- c. Grinding
- d. Pelleting
- e. Extrusion

9) Describe the Phase feeding method of feeding layers.

10) What are the different growth phases of meat-type and egg-type ducks? Explain the feeding management of ducks.