

# ASSIGNMENTS

for

January 2021

and

July 2021 Sessions

*Certificate in Poultry Farming (CPF)*



**School of Agriculture**  
**Indira Gandhi National Open University**  
**New Delhi – 110 068**  
**2021**

## LAST DATE FOR SUBMISSION OF ASSIGNMENTS

Course Code	Last Date for Submission of Assignments at PSC	
	January 2021 Session	July 2021 Session
OLP -001	28 <sup>th</sup> February 2021	31 <sup>st</sup> August 2021
OLPI-001	13 <sup>th</sup> March 2021	15 <sup>th</sup> September 2021
OLPI-002	27 <sup>th</sup> March 2021	29 <sup>th</sup> September 2021

### 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 assignment 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.**

**(10x5=50)**

- 1) Discuss about the present status of poultry industry in India. Give your opinion on the strengths and weaknesses of Indian Poultry Industry.
- 2) Differentiate between layer and broiler. Give examples for broiler and layer chicken.
- 3) “Poultry sector has a significant impact on the rural livelihood security of our country”. Justify the statement.
- 4) Differentiate between Rhode Island Red and Leghorn breeds of Chicken.
- 5) Draw the body parts of chicken and name them.
- 6) Calculate persistency (% egg production) based on the following assumptions:
  - Age at Sexual Maturity = 175 days
  - Age at Judging = 362 days
  - No. of eggs produced = 139
- 7) Define the following in one or two lines:
  - a) Mixed Farming
  - b) Clutch
  - c) Moulting
  - d) Bio-security
  - e) Hen
- 8) Define Artificial Insemination. What are its advantages and disadvantages?
- 9) Differentiate between good layer and poor or bad layer.
- 10) What do you mean by Hatchability and Livability percentages? Explain how it will be useful in evaluating the performance of a hatchery.

## **OLPI- 001: POULTRY HOUSING AND MANAGEMENT**

**Maximum Marks: 50**

**Answer all questions. All questions carry equal marks.**

**(10x5=50)**

- 1) What are the pre-requisites of a poultry house? Give your opinion about the possibility of starting a poultry farm in your locality based on the pre-requisites and justify your answer.
- 2) Explain cage system of rearing poultry. Write its advantages and disadvantages.
- 3) List any 10 equipment used in a poultry farm (Both broiler and layer) and give any one use for each equipment.

- 4) Differentiate between a setter and a hatcher. Give the requirements for setter and hatcher.
- 5) What is beak trimming? Why it is performed? What are the precautions to be followed before, during and after beak trimming?
- 6) Describe the litter management and its impact on poultry health.
- 7) Explain the factors affecting the cost of production. Describe the cost reduction methods.
- 8) Briefly describe the different steps followed in dressing of chicken in a meat processing plant.
- 9) Give the space and nutrient requirements of Guinea Fowl.
- 10) Justify in your own words the need for providing supplementary feeding, watering and night shelter to birds reared in backyard farming system.

## **OLPI- 002: POULTRY FEEDS AND FEEDING**

**Maximum Marks: 50**

**Answer all questions. All questions carry equal marks.**

**(10x5=50)**

- 1) Explain how poultry feedstuffs are classified? Discuss any two common animal protein sources and two unconventional energy sources.
- 2) Identify important minerals and vitamins (five each) required by poultry birds and indicate their deficiency symptoms.
- 3) Define mycotoxin. What are the different mycotoxins affecting poultry? Describe any one in detail.
- 4) Tabulate the energy, protein, minerals and vitamin requirements for different phases of broiler and layer Chicken as per Bureau of Indian Standards (BIS).
- 5) What is feed processing? Explain why it is required? Describe the process of pelleting and its advantages.
- 6) What are different methods of feeding poultry? Write briefly about controlled feeding method.
- 7) A feed mixture containing 23% Crude Protein (CP) to be prepared using Maize (CP=10%) and Deoiled Groundnut Cake (CP=48%). Calculate the amount (parts) required from Jowar or Sorghum and Soybean Meal by Pearson Square Method.
- 8) What are the effects of hot weather on the feed intake of birds?
- 9) Describe the feeding management of duck, guinea fowl and turkey.
- 10) List out the factors influencing the feed quality.