



## **UG- SKILL DEVELOPMENT COURSE**

### **POULTRY FARMING** (w.e.f. 2020-2021 A.Y.)

Semester	Course Code (SD)	Course Title	Hrs/Sem	Hrs/wk	Credits	Sem End Exam (2 Hrs)
III	Skill Development Course	Poultry Farming	30	2	2	50 Marks

**Learning Outcomes:** By successful completion of the course, students will be able to;

- Understand the field level structure and functioning of insurance sector and it's role in protecting the risks
- Comprehend pertaining skills and their application for promoting insurance coverage
- Prepare better for the Insurance Agent examination conducted by IRDA
- Plan 'promoting insurance coverage practice' as one of the career options.

#### **Unit I (Introduction to Poultry Farming):** **(10Hrs)**

- 1.1 General introduction to poultry farming -Definition of Poultry; Past and present scenario of poultry industry in India.
- 1.2 Principles of poultry housing. Poultry houses. Systems of poultry farming.
- 1.3 Management of chicks, growers and layers. Management of Broilers.
- 1.4 Preparation of project report for banking and insurance

#### **Unit II (Feed and Livestock Health Management):** **(10 Hrs):**

- 2.1 Poultry feed management – Principles of feeding, Nutrient requirements for different stages of layers and broilers. Feed formulation and Methods of feeding.
- 2.2 Poultry diseases – viral, bacterial, fungal and parasitic(two each); symptoms, control and management; Vaccination programme.

#### **Unit III (Harvesting of Eggs and Sanitation):** **(10 Hrs)**

- 3.1 Selection, care and handling of hatching eggs. Egg testing. Methods of hatching.
- 3.2 Brooding and rearing. Sexing of chicks.
- 3.3 Farm and Water Hygiene, Recycling of poultry waste.

#### **Co-curricular Activities Suggested:** **(4 hrs)**

1. Group discussion& SWOT analysis
2. Visit to a poultry farm
3. Invited Lectures by Concerned officers of government or private farms
4. Cheap and Healthy Feed preparation by students based on government standards
5. Market study and Survey (Monitoring of daily price hike in poultry market and analysis)
6. Online Swayam Moocs course on poultry farming (see reference 9 below)

#### **Reference books:**

1. Sreenivasaiah., P. V., 2015. Textbook of Poultry Science. 1st Edition. Write & Print Publications, New Delhi
2. Jull A. Morley, 2007. Successful Poultry Management. 2nd Edition. Biotech Books, New Delhi"
3. Hurd M. Louis, 2003. Modern Poultry Farming. 1st Edition. International Book Distributing Company, Lucknow.
4. Life and General Insurance Management
5. Financial services, Tata McGraw hill
6. <http://www.asci-india.com/BooksPDF/Small%20Poultry%20Farmer.pdf>
7. [https://nsdcindia.org/sites/default/files/MC\\_AGR-Q4306\\_Small-poultry-farmer-.pdf](https://nsdcindia.org/sites/default/files/MC_AGR-Q4306_Small-poultry-farmer-.pdf)
8. <http://ecoursesonline.iasri.res.in/course/view.php?id=335>
9. [https://swayam.gov.in/nd2\\_nou19\\_ag09/preview](https://swayam.gov.in/nd2_nou19_ag09/preview)



## **MODEL QUESTION PAPERS**

### **SKILL DEVELOPMENT COURSES** **Semester: III** **POULTRY FARMING**

Time:2Hrs.

Max Marks:

50

#### **SECTION – A**

Answer any **FOUR** questions. Each question carries 5 marks.  $4 \times 5 =$   
20Marks

1. Management of Broilers
2. Debeaking
3. Culling
4. Vaccination
5. Methods of feeding
6. Parasitic diseases in Poultry
7. Egg testing
8. Recycling of Poultry wastes

#### **SECTION – B**

Answer **all** the questions. Each question carries 10 marks.  $3 \times 10$   
=30Marks

9. Define Poultry. Discuss the past and present scenario of Poultry industry in India  
(OR)
10. Write in detail about the Principles involved in Poultry housing.
11. Give an account on Principles of feeding in poultry.  
Add a note on nutrient requirements for different stages of layers and broilers.  
(OR)
12. Describe the commonly encountered viral, bacterial and fungal diseases in poultry.
13. Write an essay on methods of hatching.  
(OR)
14. Explain the management practices involved in brooding and rearing.