JHARKHAND Rai University
RANCHI

PRACTICE SET
End Semester (III Sem.) Examination, December-2025

Program: B. Sc. (Hons.) Agriculture

Semester: Third

Course: Livestock and Poultry Management

Course Code: 13A.216

Course Outcomes:
At the end of the course the student will be able to:

CO1 Impart knowledge about operation of livestock and poultry farming being taken as a major component of integrated farming system in agriculture

CO2 Develop scientific principles to animal breeding, reproduction, feeding, growth and development, health management, housing, handling, and end – product safety and quality.

CO3 Demonstrate an integrative approach to economic, environmental, animal welfare, and societal impacts of animal production and management systems at the global and local level.

CO4 Apply knowledge for solving, critical thinking, problem-solving, and the methodological approaches for livestock and poultry management.

Unit / Module-1

Section: I (5 Marks questions, only Lower order Thinking -LOT)

Sl. No.	Model Questions	Bloom Taxonomy	CO
1.	State any four major contributions of livestock to the national economy.	Remember	[CO1]
2.	Identify the different types of housing for poultry.	Remember	[CO2]
3.	Briefly discuss the average gestation period of cow, swine, buffalo, goat and sheep.	Understand	[CO1]
4.	Compare between exotic and Indian breeds of cattle.	Understand	[CO2]
5.	Illustrate a clean diagram of female reproductive system of a poultry and label it.	Apply	[CO2]

Section: II (15 Marks questions, only Higher order Thinking –HOT)

Sl. No.	Model Questions	Bloom Taxonomy	CO
6.	Explain in detail the contribution and role of livestock sector to the Indian economy.	Analyze	[CO1]
7.	Evaluate the different types of housing system used for cattle.	Evaluate	[CO2]
8.	Explain the general principles of livestock housing with reference to location, drainage, design and ventilation.	Analyze	[CO2]
9.	Briefly explain the various types of housing system for poultry birds.	Analyze	[CO2]
10.	Explain reproduction? Discuss reproduction in farm animals and also include the stages of estrous cycle.	Analyze	[CO2]

Unit / Module-2

Section: I (5 Marks questions, only Lower order Thinking -LOT)

Sl. No.	Model Questions	Bloom Taxonomy	CO
11.	Goat is called as poor man's cow, justify it.	Understand	[CO1]
12.	Enlist four breeds each of Indigenous and exotic breeds of cow.	Remember	[CO1]
13.	Enlist two important Indigenous breeds of poultry along with their characteristics.	Remember	[CO1]
14.	State the scientific name of cow, buffalo, swine and poultry.	Remember	[CO1]
15.	Illustrate a clean labelled diagram of female digestive system of a poultry.	Apply	[CO2]

Section: II (15 Marks questions, only Higher order Thinking –HOT)

Sl. No.	Model Questions	Bloom Taxonomy	CO
16.	Explain the origin, utility and characterstics of the following breeds of buffaloes- Murrah, Bhadawari, Nilli Ravi, Surti and Mehsana.	Analyze	[CO3]
17.	Draw a neat diagram of digestive system of poultry and explain the functions of each component.	Analyze	[CO2]
18.	Briefly explain the indigenous and exotic breeds of cows.	Analyze	[CO2]
19.	Discuss in details the difference between indigenous and exotic breeds of cows. Explain any four indigenous and exotic breeds of poultry. Explain their characteristics and importance	Analyze	[CO3]

	in dairy production and give suitable examples of each type.		
20.	Evaluate the process of improvement in farm animals.	Evaluate	[CO4]

Unit / Module-3

Section: I (5 Marks questions, only Lower order Thinking -LOT)

Sl. No.	Model Questions	Bloom Taxonomy	CO
21.	Compare green roughage and dry roughage with examples.	Remember	CO1
22.	Define feedstuffs and mention two examples each of roughage and concentrates.	Remember	CO2
23.	Mention any five protein sources used in livestock rations.	Remember	CO2
24.	Discuss the importance of green fodder for economic milk production.	Understand	CO3
25.	Define nutrients and briefly mention their functions.	Remember	CO3

Section: II (15 Marks questions, only Higher order Thinking –HOT)

Sl. No.	Model Questions	Bloom Taxonomy	CO
26.	Briefly explain the classification of feedstuff used in livestock nutrition. Discuss how proper classification of feedstuffs helps in formulating a balance diet for cattles.	Analyze	CO3
27.	Describe in details the nutritional disorders associated with grasses. Explain the causes, symptoms and effects of these disorders on livestock health and productivity and discuss the preventive measures for the same.	Analyze	CO2
28.	Explain feeding of livestock and poultry. What is silage and how it is prepared.	Analyze	CO2
29.	Differentiate between food additives and feed supplements and explains their importance on livestock health.	Analyze	CO2
30.	Briefly explain feed ingredients for ration of livestock. Describe the various feed ingredients used in formulating rations for livestock. Explain the role and importance of each ingredients.	Analyze	CO2

Unit / Module-4

Section: I (5 Marks questions, only Lower order Thinking -LOT)

Sl. No.	Model Questions	Bloom Taxonomy	CO
31.	State the causing agent of Anthrax disease, along with its symptoms and treatments.	Remember	CO4
32.	Mention any four important zoonotic disease transmitted from animals to humans.	Remember	CO4
33.	List four common disease of livestock and poultry.	Remember	CO4
34.	Briefly describe biosecurity measures in poultry farm.	Understand	CO4
35.	Describe Ranikhet disease with its symptoms, treatments and precautions.	Understand	CO4

Section: II (15 Marks questions, only Higher order Thinking –HOT)

Sl. No.	Model Questions	Bloom Taxonomy	CO
36.	Enlist bacterial and viral diseases of cattle? Explain in details Foot and Mouth disease and Black quarter in cattle.	Analyze	CO3
37.	Explain fowl pox and bird flu along with their causing agent, symptoms and prevention.	Analyze	CO2
38.	Differentiate between contagious and non-contagious disease. Explain biosecurity in poultry farm and its importance in poultry farm	Analyze	CO4
39.	Evaluate vaccination schedule for sheep and goat.	Evaluate	CO4
40.	Explain any three viral diseases of cattle and poultry.	Analyze	CO4

Summary sheet

CO wise

CO	Q. No	Marks
CO1	1,3,6,11,12,13,14,21	60
CO2	2,4,5,7,8,9,10,15,17,18,22,23,27,28,29,30	185
CO3	16,19,24,25,26	55
CO4	31-40	100
Total		**400**

Unit wise

Unit	Q.No.	Marks
1	1-10	100
2	11-20	100

3	21-30	100
4	31-40	100
Total		400

Bloom taxonomy level

BTL	Q.No.	Marks
LOT	20	100
HOT	20	300
Total		400

Prepared By: Mrs. Archana Kumari
Reviewed By: Dr. Neeta Shweta Kerketta

Disclaimer: - This is a practice set. The Question in End semester examination will differ from the practice set. This practice set is meant for practice only.