JHARKHAND Rai University
RANCHI

Practice Set
End Semester (II[nd] Semester) Examination, May 2026

Program: B. Sc. (Hons.) Agriculture

Semester: II[nd]

Course: Livestock and Poultry Management

Course Code: LPM 121

Course objective

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

CO1 Understand the importance of livestock and poultry management.

CO2 Learn about breeds and breeding management of animals and poultry.

CO3 Apply nutritional practices of animals and poultry.

CO4 Recommend health management practices of animals and poultry.

Unit / Module-1

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

Sl. No.	Practice Questions	Bloom Taxonomy	CO
1.	Explain the role of livestock in the national economy of India.	Remember	CO1
2.	Describe the basic reproductive processes in farm animals, including estrous cycle and fertilization.	Understand	CO1
3.	Explain the reproductive system and egg formation process in poultry.	Understand	CO1
4.	Explain the process of fertilization in farm animals.	Understand	CO1
5.	Define artificial insemination and state its advantages in livestock production.	Remember	CO1

Section: II (10 Marks questions, only Higher Order Thinking)

Sl. No.	Practice Questions	Bloom Taxonomy	CO
6.	Evaluate different reproductive management practices in farm animals and propose an improved strategy to enhance reproductive efficiency under field conditions.	Evaluate	CO1
7.	Analyze the hormonal regulation of the estrous cycle in farm animals and assess how its manipulation can improve fertility.	Analyze	CO1

8.	Compare different livestock housing systems and evaluate their suitability under varying climatic and economic conditions.	Analyze	CO1
9.	Analyze the relationship between space requirements and productivity in livestock and evaluate the consequences of overcrowding.	Analyze	CO1
10.	Design an integrated livestock farming system that enhances economic returns while maintaining environmental sustainability.	Create	CO1

Unit / Module-2

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

Sl. No.	Practice Questions	Bloom Taxonomy	CO
11.	Explain the management of growing heifers for proper growth and development.	Understand	CO2
12.	List important Indian breeds of cattle and buffalo and mention their characteristics.	Remember	CO2
13.	Define breeding and explain different methods of breeding in farm animals.	Remember	CO2
14.	Define weaning and describe its importance in calf management.	Remember	CO2
15.	Explain important exotic breeds of cattle and mention their characteristics.	Understand	CO2

Section: II (10 Marks questions, only Higher Order Thinking)

Sl. No.	Practice Questions	Bloom Taxonomy	CO
16.	Evaluate the role of scientific management of growing heifers in improving future milk production and reproductive efficiency.	Evaluate	CO2
17.	Compare and evaluate different management systems of sheep and goats under Indian conditions and suggest improvements for higher productivity.	Analyze	CO2
18.	Evaluate different methods of genetic improvement in farm animals and poultry and design a breeding program suitable for Indian conditions.	Evaluate	CO2
19.	Breakdown the hatchery management practices and design an improved system to enhance hatchability and chick quality.	Analyze	CO2
20.	Organize the important characteristics of different breeds of cattle, buffalo, sheep, and goat, and classify them based on their utility (milk, meat, dual purpose).	Analyze	CO2

Unit / Module-3

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

Sl. No.	Practice Questions	Bloom Taxonomy	CO
21.	Describe the process of digestion in ruminant animals.	Understand	CO3
22.	Explain the digestive system of poultry and its functions.	Understand	CO3

23.	Classify different types of feedstuffs used in livestock feeding with examples.	Remember	CO3
24.	Define balanced ration and explain its importance in livestock production.	Remember	CO3
25.	Define feed additives and list their types with examples.	Remember	CO3

Section: II (10 Marks questions, only Higher Order Thinking)

Sl. No.	Practice Questions	Bloom Taxonomy	CO
26.	Analyze the digestive systems of ruminants and poultry, highlighting their functional differences and implications for feeding strategies.	Analyze	CO3
27.	Evaluate the importance of proximate principles of feed in animal nutrition and their role in maintaining productivity.	Evaluate	CO3
28.	Outline the role of various nutrients in growth, reproduction, and production in livestock and poultry.	Analyze	CO3
29.	categorize feeding strategies for different stages of poultry (starter, grower, layer) and suggest improvements for better productivity.	Evaluate	CO3
30.	Design a sustainable feeding system for livestock and poultry that ensures productivity while minimizing environmental impact.	Create	CO3

Unit / Module-4

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

Sl. No.	Practice Questions	Bloom Taxonomy	CO
31.	Define animal disease and classify different types of diseases affecting livestock.	Remember	CO4
32.	Explain the major causes of diseases in livestock and poultry.	Understand	CO4
33.	Define vaccination and explain its importance in disease prevention.	Understand	CO4
34.	Explain the methods used for control of infectious diseases in livestock.	Understand	CO4
35.	List important diseases of cattle and their basic symptoms.	Remember	CO4

Section: II (10 Marks questions, only Higher Order Thinking)

Sl. No.	Practice Questions	Bloom Taxonomy	CO
36.	Evaluate the importance of vaccination programs in livestock and poultry and design an effective vaccination schedule for disease control.	Evaluate	CO4
37.	categorize the modes of disease transmission in livestock and propose suitable control measures to minimize disease spread.	Analyze	CO4
38.	Examine the importance of hygiene and sanitation in livestock farms and evaluate their role in disease prevention.	Analyze	CO4
39.	Deduce the role of quarantine in preventing disease outbreaks and suggest improvements in quarantine practices.	Evaluate	CO4
40.	Evaluate the challenges posed by emerging and re-emerging diseases in livestock and propose strategies for their prevention and control	Evaluate	CO4

CO- Wise

CO	Q.No.	Marks
CO1	1-10	75
CO2	11-20	75
CO3	21-30	75
CO4	31-40	75
Total		300

Unit-wise

Unit	Q.No.	Marks
1	1-10	75
2	11-20	75
3	21-30	75
4	31-40	75
Total		300

BTL- wise

BTL	Q.No.	Marks
LOT	20	100
HOT	20	200
Total		300

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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.