

Enrollment No.....

**Duration: 3 Hrs.****Faculty of Agriculture****End Sem Examination Dec 2024****AG3CO24 Livestock & Poultry Management**

Programme: B.Sc. (Hons.) Branch/Specialisation: Agriculture

**Maximum Marks: 50**

Note: All questions are compulsory. Internal choices, if any, are indicated. Answers of Q.1 (MCQs) should be written in full instead of only a, b, c or d. Assume suitable data if necessary. Notations and symbols have their usual meaning.

		Marks	BL	PO	CO	PSO
Q.1	i. National dairy research institute is located at-	<b>1</b>	1	1	1	8
	(a) Karnal (b) Uttar Pradesh					
	(c) Jhansi (d) Tamil Nadu					
	ii. Animal husbandry does not deal with which of the following?	<b>1</b>	1	1	1	6
	(a) Cows (b) Plants					
	(c) Prawns (d) Fishes					
	iii. The Zoological name of sheep is-	<b>1</b>	1	3	2	2
	(a) Bubalus bubalis					
	(b) Ovis aries					
	(c) Capra hircus					
	(d) Camellus domesticus					
	iv. The cattle belong to the genus-	<b>1</b>	1	3	2	1
	(a) Capra (b) Aries					
	(c) Bos (d) Bubalus					
	v. TDN in legume fodder is-	<b>1</b>	1	4	3	8
	(a) 10 - 15% (b) 15 - 30%					
	(c) 30 - 40% (d) 40 - 50%					
	vi. The largest part of ruminant stomach-	<b>1</b>	1	4	3	8
	(a) Omasum (b) Abomasum					
	(c) Reticulum (d) Rumen					
	vii. A leguminous fodder is-	<b>1</b>	1	4	4	6
	(a) Wheat (b) Signal grass					
	(c) Maize (d) Cow pea					

	[2]		[3]
viii Minerals in the feed are-		1 1 1 4 2	
(a) Feed supplement (b) Concentrates (c) Medicine (d) None of these			
ix. Isolation boxes in a dairy farm are intended to house-	1	1 1 5 2	
(a) Diseased animals (b) Vicious bulls (c) Cows nearing calving (d) Early weaned calves			
x. The poultry disease caused by bacteria includes-	1	1 5 5 2	
(a) Pullorum (b) Typhoid (c) Fowl cholera (d) All of these			
 Q.2 i. Define livestock.	1	1 2 1 8	
ii. Write the care and management of calf.	2	2 2 1 8	
iii. Write the role of livestock in the national economy.	5	3 3 1 8	
OR iv. Write the advantage and disadvantage of head-to-head system and tail to tail system of housing.	5	3 3 1 8	
 Q.3 i. Define animal breed.	1	1 5 2 6	
ii. Write the classification of cow breed according to utility.	3	2 6 2 6	
iii. Explain characteristics of Jamunapari breeds of goat.	4	3 6 2 6	
OR iv. Explain characteristics of murrah breeds of buffalo.	4	3 4 2 6	
 Q.4 i. What is feed stuffs?	2	1 4 3 1	
ii. Write the digestive system of livestock.	6	2 4 3 1	
OR iii. Explain feed formulation.	6	2 4 3 2	
 Q.5 i. Define animal ration.	2	1 4 4 8	
ii. What is the difference between legume and non-legume roughages?	2	2 4 4 8	
iii. Explain feed supplements and feed additives.	4	3 4 4 8	
OR iv. Write the classification of silage based on colour and test.	4	3 4 4 8	
 Q.6 Attempt any two:			
i. Explain anthrax disease of cattle.	4	3 1 5 8	
ii. Write the general measure to control of infections and contagious diseases.	4	2 1 5 7	
iii. Explain ranikhet disease of poultry.	4	3 1 5 7	
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**Scheme of Marking**  
**AG3CO24 - Livestock and Poultry Management**

Q.1	i) <b>a) Karnal</b> ii) <b>b) Plants</b> iii) <b>b) Ovis aries</b> iv) <b>c) Bos</b> v) <b>d) 40 - 50%</b> vi) <b>d) Rumen</b> vii) <b>d) Cow pea</b> viii) <b>a) Feed supplement</b> ix) <b>a) Diseased animals</b> x) <b>d) All of the above</b>	1 1 1 1 1 1 1 1 1 1	Q.5	i. Define Animal ration. ii. What is the difference between legume and non-legume Roughages? Any two difference iii. Explain feed supplements and feed additives. Any four point	2 2 4
			OR	iv. Write the classification of silage based on colour and test.	4
Q.2	i. Define livestock. ii. Write the care and management of calf. iii. Give the role of livestock in the national economy. Any five point	1 2 5	Q.6	i. Attempt any two: Explain Anthrax disease of cattle. Any four point ii. Write the general measure to control of infections and contagious diseases. Ant four point iii. Explain ranikhet disease of poultry. Ant four point	4 4 4
OR	iv. Write the advantage of head-to-head system and tail to tail system of housing. disadvantage of head-to-head system and tail to tail system of housing.	5 2.5 marks 2.5 marks			
Q.3	i. Define animal breed. ii. Give the classification of cow breed according to utility. Any three point iii. Explain characteristics of Jamunapari breeds of goat. Any four point	1 3 4			
OR	iv. Explain characteristics of murrah breeds of buffalo. Any four point	4			
Q.4	i. What is feed stuffs? ii. Write the digestive system of livestock. Any six point	2 6			
OR	iii. Explain feed formulation. Any six point	6			