

Enrollment No.....



Faculty of Agriculture
End Sem Examination Dec 2024

AG3CO24 Livestock & Poultry Management

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

Duration: 3 Hrs.**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-	1	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?	1	1	1	1	6
	(a) Cows (b) Plants					
	(c) Prawns (d) Fishes					
	iii. The Zoological name of sheep is-	1	1	3	2	2
	(a) Bubalus bubalis					
	(b) Ovis aries					
	(c) Capra hircus					
	(d) Camellus domesticus					
	iv. The cattle belong to the genus-	1	1	3	2	1
	(a) Capra (b) Aries					
	(c) Bos (d) Bubalus					
	v. TDN in legume fodder is-	1	1	4	3	8
	(a) 10 - 15% (b) 15 - 30%					
	(c) 30 - 40% (d) 40 - 50%					
	vi. The largest part of ruminant stomach-	1	1	4	3	8
	(a) Omasum (b) Abomasum					
	(c) Reticulum (d) Rumen					
	vii. A leguminous fodder is-	1	1	4	4	6
	(a) Wheat (b) Signal grass					
	(c) Maize (d) Cow pea					

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	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

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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

Scheme of Marking
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Q.1	i)	a) Karnal	1
	ii)	b) Plants	1
	iii)	b) Ovis aries	1
	iv)	c) Bos	1
	v)	d) 40 - 50%	1
	vi)	d) Rumen	1
	vii)	d) Cow pea	1
	viii)	a) Feed supplement	1
	ix)	a) Diseased animals	1
	x)	d) All of the above	1
Q.2	i.	Define livestock.	1
	ii.	Write the care and management of calf.	2
	iii.	Give the role of livestock in the national economy. Any five point	5
OR	iv.	Write the advantage of head-to-head system and tail to tail system of housing. 2.5 marks disadvantage of head-to-head system and tail to tail system of housing. 2.5 marks	5
Q.3	i.	Define animal breed.	1
	ii.	Give the classification of cow breed according to utility. Any three point	3
	iii.	Explain characteristics of Jamunapari breeds of goat. Any four point	4
OR	iv.	Explain characteristics of murrah breeds of buffalo. Any four point	4
Q.4	i.	What is feed stuffs?	2
	ii.	Write the digestive system of livestock. Any six point	6
OR	iii.	Explain feed formulation. Any six point	6

Q.5	i.	Define Animal ration.	2
	ii.	What is the difference between legume and non-legume Roughages? Any two difference	2
	iii.	Explain feed supplements and feed additives. Any four point	4
OR	iv.	Write the classification of silage based on colour and test.	4
Q.6		Attempt any two:	
	i.	Explain Anthrax disease of cattle. Any four point	4
	ii.	Write the general measure to control of infections and contagious diseases. Ant four point	4
	iii.	Explain ranikhet disease of poultry. Ant four point	4
