

**PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)**

**MSc DEGREE EXAMINATION DECEMBER 2025
(Third Semester)**

Branch - ZOOLOGY

MAJOR ELECTIVE COURSE – II : BIOFARMING AND PRODUCTS

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(10 × 1 = 10)

Module No.	Question No.	Question	K Level	CO
1	1	Which of the following is a broiler breed of poultry? a) White Leghorn b) Rhode Island Red c) Cornish Cross d) Sussex	K1	CO1
	2	Which state in South India is a major hub for the poultry industry? a) Kerala b) Tamil Nadu c) Karnataka d) Andhra Pradesh	K2	CO2
2	3	What is the primary purpose of debeaking in poultry farming? a) To improve egg production b) To prevent feather pecking and cannibalism c) To enhance meat quality d) To reduce feed costs	K1	CO2
	4	Which of the following is a non-nutritive feed additive used in poultry farming? a) Lysine b) Probiotics c) Calcium carbonate d) Soybean meal	K2	CO3
3	5	Which of the following is a viral disease in poultry? a) Fowl Cholera b) Ranikhet c) Salmonellosis d) Aspergillosis	K1	CO1
	6	Which of the following is a biosecurity measure in poultry farming? a) Increasing stocking density b) Restricting visitor access c) Reducing ventilation d) Using untreated water	K2	CO3
4	7	Which of the following is a native dairy breed of India? a) Holstein Friesian b) Sahiwal c) Jersey d) Brown Swiss	K1	CO1
	8	Which exotic breed is known for high butterfat content in milk? a) Holstein Friesian b) Jersey c) Sahiwal d) Gir	K2	CO2
5	9	What is the primary purpose of artificial insemination in dairy farming? a) To increase milk yield b) To improve genetic quality of cattle c) To reduce feed costs d) To prevent diseases	K1	CO1
	10	What is the main constraint in present dairy farming in India? a) High milk demand b) Lack of technical knowledge c) Government subsidies d) High export potential	K2	CO3

Cont...

SECTION - B (35 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

 $(5 \times 7 = 35)$

Module No.	Question No.	Question	K Level	CO
1	11.a.	Explain the advantages of the White Leghorn breed in poultry farming.	K2	CO1
		(OR)		CO3
	11.b.	Compare the deep-litter system and cage system in poultry farming.		
2	12.a.	Discuss the summer management practices in poultry farming.	K3	CO2
		(OR)		CO3
3	12.b.	Discuss the role of non-nutritive feed additives in improving poultry health and productivity.	K4	
	13.a.	Describe the causative agent and symptoms of Fowl Cholera.		CO1
		(OR)		CO2
4	13.b.	Discuss the storage and preservation methods of eggs in poultry farming.	K3	
	14.a.	Compare and contrast native and exotic dairy breeds.		CO3
		(OR)		CO4
5	14.b.	What are the key records to be maintained in a dairy farm? Explain their importance.	K4	
	15.a.	Discuss the importance of conserving indigenous dairy breeds in India.		CO4
		(OR)		CO5
	15.b.	Explain the role of NDDB in dairy development in India.		

SECTION - C (30 Marks)

Answer ANY THREE questions

ALL questions carry EQUAL Marks

 $(3 \times 10 = 30)$

Module No.	Question No.	Question	K Level	CO
1	16	Explain the poultry industry in South India and its contribution to the economy.	K4	CO2
2	17	Evaluate the advantages and disadvantages of debeaking in poultry farming.	K5	CO2
3	18	Explain vaccination program for a poultry farm to prevent major viral and bacterial diseases.	K6	CO3
4	19	Elaborate the economic viability of dairy farming in India.	K6	CO3
5	20	Evaluate the role of cooperatives and funding agencies (NDRI, TCMPF) in the development of the dairy sector in India.	K5	CO5