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Daffodil International University

Department of Genetic Engineering and Biotechnology
Faculty of Health and Life Sciences
B. Sc. (Hons.) in Genetic Engineering and Biotechnology
Final Examination Fall 2025

Course Code: 0512-1103 **Course Title:** Introduction to Animal Sciences
Level and Term: L-1, T-1 **Section: 253 (A+B)** **Course Teacher Initials:** DSR + DMI
Time: 2 Hours **Total Marks:** 40

Splitting any answer is strictly prohibited

				Marks
1	(a)	Explain the terms animal ecology and ecosystem. Elaborate the components of animal ecosystem.	[CLO1, PLO1, C2]	3.0
	(b)	Discuss the relationship of ecology with biological, environmental and physical sciences.	[CLO1, PLO1, C6]	4.0
	(c)	List the branches of animal ecology.	[CLO1, PLO1, C1]	1.0
2	(a)	State the technical and financial aspects of apiculture.	[CLO1, PLO1, C2]	4.0
	(b)	Discuss the commercial and financial aspects of poultry and dairy farming.	[CLO1, PLO1, C6]	4.0
3	(a)	Explain the technical and commercial aspects of sericulture.	[CLO1, PLO1, C2]	3.5
	(b)	State the technical aspects of poultry and dairy farming.	[CLO1, PLO1, C6]	3.5
	(c)	Define terms the apiculture.	[CLO1, PLO1, C1]	1.0
4	(a)	List five viral, five bacterial, five fungal diseases with mentioning causal agents.	[CLO5, PLO2, C1]	4.0
	(b)	Write the causes, clinical symptoms and diagnosis of foot and mouth and anthrax disease.	[CLO5, PLO2, C6]	4.0
5	(a)	State the causes, clinical symptoms and treatment of fowl pox and new castle diseases.	[CLO5, PLO2, C2]	4.0
	(b)	Discuss the clinical symptoms, diagnosis methods, and treatment of mastitis and avian influenza diseases.	[CLO5, PLO2, C6]	4.0

Ariful