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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
Midterm Examination Summer 2025

Course Code: GEB 0512-1103

Course Title: **Introduction to Animal Sciences**

Level and Term: L-1, T-1
Time: 01 Hour 30 minutes

Section: 252 (A+B)

Course Teacher Initial: KMH
Total Marks: 25

Splitting any answer is strictly prohibited

1	(a)	Elaborate the prospects of animal science.	[CLO1, PLO2, C6]	2.5
	(b)	Categorize the applications of animal science.	[CLO1, PLO2, C4]	2.5
2	(a)	Classify major phyla of animal kingdom mentioning their key characteristics.	[CLO1, PLO2, C2]	3
	(b)	Explain contributions of livestock regarding food products, environmental and economic issues.	[CLO2, PLO2, C5]	2
3	(a)	Discuss anatomy of male reproductive system of human mentioning functions of each organ.	[CLO3, PLO2, C6]	2.5
	(b)	Outline the female reproductive system of human and list their functions.	[CLO3, PLO2, C2]	2.5
4	(a)	Define animal ecology and briefly discuss about its branches.	[CLO1, PLO2, C1]	2.5
	(b)	Explain the relationship of ecology with other disciplines.	[CLO4, PLO2, C5]	2.5
5	(a)	Discuss different types of animals used in laboratories for practical and research purposes.	[CLO5, PLO2, C6]	3
	(b)	Illustrate the benefits of an interdisciplinary approach in ecology.	[CLO2, PLO2, C2]	2