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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 Spring 2026

Course Code: 0512-1103

Course Title: **Introduction to Animal Sciences**

Level and Term: L-1, T-1 **Section: 261 A** **Course Teacher Initial: KMH**
Time: 01 Hour 30 minutes **Total Marks: 25**

			Marks
1	(a) Define animal science and discuss its applications.	[CLO1, PLO2, C6]	3.0
	(b) Explain the contributions of livestock to food products, environmental and economic issues.	[CLO2, PLO2, C5]	2.0
2	(a) Classify the major phyla of the Animal Kingdom and describe their key characteristics.	[CLO1, PLO2, C2]	3.0
	(b) List and categorize the major livestock products available in the global market.	[CLO1, PLO2, C4]	2.0
3	(a) Explain the anatomy of the human male reproductive system and state the functions of each organ.	[CLO2, PLO2, C5]	2.5
	(b) Elaborate the anatomy of the human female reproductive system and list the functions of its organs.	[CLO3, PLO2, C6]	2.5
4	(a) Illustrate and explain the anatomical representation of circulatory system of cattle with annotated diagram.	[CLO1, PLO2, C2]	2.5
	(b) List the major organs of the human digestive system and state their functions.	[CLO4, PLO2, C1]	2.5
5	(a) Outline the anatomy of the human respiratory system and explain the mechanism of breathing.	[CLO5, PLO2, C6]	2.5
	(b) Describe the functions of the human skeletal system. Classify bones with examples.	[CLO1, PLO2, C4]	2.5