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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 2026

Course Code: 0512-1103 **Course Title: Introduction to Animal Sciences**

Level and Term: L-1, T-1 **Section: 262-A** **Course Teacher's Initial: KMH**
Time: 01 Hour 30 minutes **Total Marks: 25**

Answer the following questions: **Marks**

1	(a)	Explain the term animal science and discuss its applications.	[CLO1, PLO1, C6]	2.5
	(b)	Classify the major phyla of the Animal Kingdom and state their key characteristics.	[CLO2, PLO2, C2]	2.5
2	(a)	Compile the contributions of livestock to farming systems, food products, environmental and economic issues.	[CLO1, PLO2, C6]	2.0
	(b)	List and categorize the major livestock products and by-products available in the world market.	[CLO1, PLO2, C4]	3.0
3	(a)	Demonstrate the functions of the human skeletal system and classify bones with examples.	[CLO2, PLO2, C2]	2.5
	(b)	Illustrate labeled diagram of the respiratory system of human.	[CLO2, PLO2, C2]	2.5
4	(a)	Appraise the anatomy of the human male reproductive system stating the functions of each organ.	[CLO2, PLO2, C5]	2.5
	(b)	Elaborate the anatomy of the human female reproductive system mentioning the functions of its organs.	[CLO2, PLO2, C6]	2.5
5	(a)	Draw and label the digestive system of human.	[CLO1, PLO2, C2]	2.5
	(b)	Demonstrate circulatory system of human.	[CLO2, PLO2, C2]	2.5