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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 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:** DMI & DSR
Time: 1 Hour 30 Minutes **Total Marks:** 25

Splitting any answer is strictly prohibited

			Marks
1	(a) State the terms animal and animal sciences.	[CLO1, PLO1, C2]	2
	(b) Discuss briefly the scope of animal sciences.	[CLO1, PLO1, C6]	3
2	(a) Categorize the animal kingdom based on phylum.	[CLO1, PLO1, C4]	2
	(b) Explain the key characteristics of any three animal phylum and illustrate each with suitable examples.	[CLO1, PLO1, C2]	3
3	(a) Enlist and explain the main components of the blood and the circulatory system.	[CLO1, PLO1, C1]	2
	(b) Discuss the process of the human blood circulatory system with diagram.	[CLO1, PLO1, C6]	3
4	(a) *Discuss the general habits and habitat of Macrobrachium rosenbergii.*	[CLO4, PLO2, C6]	2.5
	(b) *Illustrate and explain the external morphology of Labeo rohita with diagram.*	[CLO4, PLO2, C2]	2.5
5	(a) *Discuss the use of two animals commonly employed in laboratory research and practical experiments.*	[CLO5, PLO1, C6]	2
	(b) *Write the function of skeletal system. Enumerate the craniofacial bones of the human skeleton*	[CLO1, PLO1, C1]	3