



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

Section: 253 (A+B)

Course Title: Introduction to Animal Sciences
Course Teacher Initials: DMI & DSR
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 <i>Macrobrachium rosenbergii</i> . [CLO4, PLO2, C6]	2.5
	(b) Illustrate and explain the external morphology of <i>Labeo rohita</i> 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