



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
Time: 01 Hour 30 minutes

Section: 261 A

Course Teacher Initial: KMH
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