



Department of Genetic Engineering and Biotechnology
Faculty of Health and Life Sciences
B. Sc. in Genetic Engineering and Biotechnology
Midterm Examination Spring 2025

Course Code:
GEB 0512-1103

Course Title: Introductory Animal Sciences

Level and Term: L-1, T-1
Time: 1 hour 30 minutes

Section: 251 A, B

Course Teacher Initials: KMH, DJA
Total Marks: 25

Splitting any answer is strictly prohibited

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|---|--|-------|
| 1 | (a) Explain the term animal science. Classify major phylum of animal kingdom with examples. [CLO1, PLO1, C2] | 2 |
| | (b) Demonstrate the applications of animal sciences. [CLO1, PLO2, C2] | 3 |
| 2 | (a) Summarize the key characteristics/features of phylum Chordate and Arthropoda. [CLO1, PLO2, C2] | 2 |
| | (b) Briefly discuss the major components of human skeletal system. [CLO2, PLO2, C6] | 3 |
| 3 | (a) Draw and label the digestive tract of cattle. [CLO1, PLO2, C1] | 2 |
| | (b) List the major components and categorize their functions in human respiratory system. [CLO1, PLO2, C4] | 3 |
| 4 | (a) Demonstrate the features and functions of human digestive system. [CLO2, PLO2, C2] | 2 |
| | (b) Elaborate the key organ and structures of female reproductive system of human. [CLO1, PLO2, C6] | 3 |
| 5 | (a) What is the basic difference between human and cattle excretory system? [CLO1, PLO2, C2] | 2 |
| | (b) Discuss the key organs and structures of male reproductive system of human. [CLO1, PLO2, C2] | 3 |