



Department of Genetic Engineering and Biotechnology
Faculty of Health and Life Sciences
B. Sc. (Hons.) in Genetic Engineering and Biotechnology
Midterm Examination Summer 2025

Course Code:
GEB 0512-1103

Course Title: Introduction to Animal Sciences

Level and Term: L-1, T-1
Time: 01 Hour 30 minutes

Section: 252 (A+B)

Course Teacher Initial: KMH

Total Marks: 25

Splitting any answer is strictly prohibited

- 1 (a) Elaborate the prospects of animal science. [CLO1, PLO2, C6] 2.5
- (b) Categorize the applications of animal science. [CLO1, PLO2, C4] 2.5
- 2 (a) Classify major phyla of animal kingdom mentioning their key characteristics. [CLO1, PLO2, C2] 3
- (b) Explain contributions of livestock regarding food products, environmental and economic issues. [CLO2, PLO2, C5] 2
- 3 (a) Discuss anatomy of male reproductive system of human mentioning functions of each organ. [CLO3, PLO2, C6] 2.5
- (b) Outline the female reproductive system of human and list their functions. [CLO3, PLO2, C2] 2.5
- 4 (a) Define animal ecology and briefly discuss about its branches. [CLO1, PLO2, C1] 2.5
- (b) Explain the relationship of ecology with other disciplines. [CLO4, PLO2, C5] 2.5
- 5 (a) Discuss different types of animals used in laboratories for practical and research purposes. [CLO5, PLO2, C6] 3
- (b) Illustrate the benefits of an interdisciplinary approach in ecology. [CLO2, PLO2, C2] 2