



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

Course Code:
 GEB 0512-1103

Course Title: Introduction to Animal Sciences

Level and Term: L-1, T-1
Time: 02 Hours

Section: 252 (A+B)

Course Teacher Initial: KMH

Total Marks: 40

Splitting any answer is strictly prohibited

			Marks
1	(a) Discuss the habitat and biotechnological significance of Aves (<i>Gallus domesticus</i>). [CLO1, PLO2, C6]		4
	(b) State external morphology and biotechnological significance of Mammalia. [CLO1, PLO2, C4]		4
2	(a) Elaborate apiculture farming including their technical, commercial and financial aspects. [CLO1, PLO2, C6]		4
	(b) Describe sericulture farming including their technical, commercial and financial aspects. [CLO5, PLO2, C2]		4
3	(a) Discuss in brief the technical and commercial aspects of dairy and poultry farming. [CLO1, PLO2, C6]		4
	(b) State two major viral diseases of dairy animals mentioning their causal agents, aetiology, pathogenesis, clinical symptoms, diagnosis, treatment and control measures. [CLO3, PLO2, C3]		4
4	(a) Demonstrate two major bacterial diseases of dairy animals with their causal agents, aetiology, pathogenesis, clinical symptoms, diagnosis, treatment and control measures. [CLO1, PLO2, C2]		4
	(b) Describe two major bacterial diseases of poultry mentioning their causal agents, aetiology, pathogenesis, clinical symptoms, diagnosis, treatment and control measures. [CLO1, PLO2, C1]		4
5	(a) Discuss two major viral diseases of poultry with their causal agents, aetiology, pathogenesis, clinical symptoms, diagnosis, treatment and control measures. [CLO1, PLO2, C4]		4
	(b) Elaborate two major protozoan diseases of dairy animals mentioning their causal agents, aetiology, pathogenesis, clinical symptoms, diagnosis, treatment and control measures. [CLO1, PLO2, C6]		4