



**Daffodil**  
International  
University

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	