ourdiu.com | Shared by Abdullah Tawsif (CSE-232)

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 Spring 2025

Course Code: **GEB 0512-1103**

Course Title: Introductory Animal Sciences

Level and Term: L-1, T-1 **Section: 251 A, B** **Course Teacher Initials: KMH & DJA**
Time: 02 Hours **Total Marks: 40**

Splitting any answer is strictly prohibited

			Marks
1	(a)	*Evaluate the key features of economic and biotechnological significance of Mammalia.* [CLO1, PLO1, C5]	3
	(b)	*Analyze the economic and biotechnological significance of Arthropoda.* [CLO1, PLO1, C4]	3
	(c)	*Explain the diverse economic and biotechnological significance of Aves (Gallus domesticus).* [CLO1, PLO1, C2]	2
2	(a)	*Discuss the types of animals being used for practical and research purposes mentioning their ethical considerations.* [CLO1, PLO2, C6]	4
	(b)	*Demonstrate the implications/purposes of using laboratory animals.* [CLO4, PLO2, C2]	4
3	(a)	*Explain animal ecology and demonstrate its branches.* [CLO1, PLO2, C2]	3
	(b)	Elaborate the roles of animals in ecosystems and discuss the relationship of ecology with other disciplines/ecosystems. [CLO5, PLO2, C6]	5
4	(a)	Briefly discuss on apiculture and sericulture farming mentioning their technical and commercial aspects. [CLO1, PLO2, C6]	4
	(b)	Explain the technical and financial aspects of dairy and poultry farming. [CLO1, PLO2, C2]	4
5	(a)	Elucidate the major viral and bacterial diseases of dairy animals mentioning their causal agents, clinical symptoms, treatment and control measures. [CLO4, PLO2, C5]	4
	(b)	Discuss the common viral and fungal diseases of poultry highlighting their causal agents, clinical symptoms, treatment and control measures. [CLO4, PLO2, C5]	4