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Daffodil International University

Department of Agricultural Science

Faculty of Health & Life Sciences

Midterm Examination, Spring 2025

Course Code: 0812-1203
Section: A & B
Full Marks: 25

Course Title: Horticulture-I (Fundamentals of Horticulture)
Level-Term: L1 T1

Teacher's Initial: DMM
Time: 1 Hr 30 minutes

"Split answering is strictly prohibited"

				Marks
1	(a)	Define horticulture.	CLO1, PLO1 C1	1
	(b)	List the main branches of horticulture.	CLO1, PLO1 C1	2
	(c)	Analyze the importance of horticulture in the context of variability of produces.	CLO1, PLO1 C4	2
2	(a)	Classify the fruits based on the morphology.	CLO2, PLO2 C4	3
	(b)	Analyze dry fruits and categorize them into different groups based on their botanical characters. Show specific examples for each category you mentioned by citing specific fruit examples within each category.	CLO2, PLO2 C1	2
3	(a)	Explain dehiscent and indehiscent fruits.	CLO2, PLO2 C2	3
	(b)	Categorize and develop a chart of dehiscent fruits with examples.	CLO2, PLO2 C3	2
4	(a)	Choose the key factors to consider when selecting a site for establishing an orchard.	CLO3, PLO2 C3	2
	(b)	List down the planting systems of orchard. Identify a suitable planting system for a specific fruit crop, justifying your choice based on the crop's characteristics and site conditions.	CLO3, PLO2 C3	3
5	(a)	Explain the importance of orchard floor management.	CLO3, PLO2 C2	2
	(b)	Identify the key components of soil management practices. Explain any two of its components.	CLO3, PLO2 C3	3

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