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Pake

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 Fall 2025

Course Code: 0512-1105
Level and Term: L-1, T-1
Time: 2 Hours

Section: 253 (A+B)

Course Title: Basic Plant Science
Course Teacher Initials: SBN
Total Marks: 40

Splitting any answer is strictly prohibited

			Marks
1.	(a)	Classify the permanent tissues of plants and discuss them.	[CLO1, PLO1, C4]	4.0
	(b)	Illustrate the differentiation process of plant tissues.	[CLO1, PLO1, C2]	4.0
2.	(a)	Discuss the significance of embryology in regard to plant science.	[CLO2, PLO2, C1]	3.0
	(b)	Briefly discuss the process of microsporogenesis.	[CLO2, PLO2, C2]	5.0
3.	(a)	Explain the scopes of economic plants.	[CLO4, PLO1, C6]	3.0
	(b)	Describe the methods of tea processing.	[CLO4, PLO1, C1]	5.0
4.	(a)	Medicines derived from plants are better than synthetic pharmaceuticals. Justify the statement.	[CLO4, PLO1, C5]	3.0
	(b)	List major phytochemicals and write their functions in respect of health issues.	[CLO4, PLO1, C6]	5.0
5.	(a)	Explain the term plant diseases. Classify plant diseases with examples.	[CLO5, PLO1, C4]	4.0
	(b)	State the control measure strategies for plant diseases.	[CLO5, PLO1, C3]	4.0

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