ourdiu.com | Shared by Md Shamim Reza

Daffodil International University

Department of Genetic Engineering and Biotechnology
Faculty of Health and Life Sciences
B. Sc. (Hons.) in Genetic Engineering and Biotechnology
Midterm Examination Summer 2026

Course Code: 0512-1105 | **Course Title: Basic Plant Science**
Level and Term: L-1, T-1 | **Section: 262A** | **Course Teacher Initials: SBN**
Time: 1 Hour 30 Minutes | **Total Marks: 25**

	Answer the following questions.		**Marks**
1.	List down the basic characteristics of five subgroups of the plant kingdom with example.	[CLO3, PLO1, C4]	5
2.	(a) What are the unique features of plant? Discuss briefly.	[CLO3, PLO1, C1]	2
	(b) Discuss the importance of agronomy in agricultural biotechnology.	[CLO4, PLO1, C6]	3
3.	(a) Construct the structure of a typical plant cell.	[CLO1, PLO1, C6]	2.5
	(b) Explain the functions of cell membrane in plants.	[CLO1, PLO1, C2]	2.5
4.	(a) Diagrammatically show the types of plant tissue.	[CLO1, PLO1, C1]	1
	(b) Illustrate the method of differentiation of plant tissue.	[CLO1, PLO1, C2]	4
5.	Explain the steps of tea processing.	[CLO4, PLO1, C2]	5