



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