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 2026

Course Code: 0512-1105

Level and Term: L1, T1 **Section: 261A** **Course Title: Basic Plant Science**
Time: 2 Hours **Course Teacher Initials: SBN**
Total Marks: 40

			Marks
1	(a)	What is the significance of embryology in plant science? [CLO2, PLO2, C1]	3
	(b)	Explain the process of fertilization in plants. [CLO2, PLO2, C2]	5
2	(a)	Justify, why medicines derived from plants are better than synthetic pharmaceuticals? [CLO4, PLO1, C5]	3
	(b)	*Make a list of major phytochemicals and their functions in treating health issues.* [CLO4, PLO1, C6]	5
3	(a)	What is mycorrhiza? [CLO1, PLO1, C1]	1
	(b)	Construct the internal structure of a seed and state its typical features. [CLO1, PLO1, C3]	4
	(c)	What do you mean by Seed dispersal? Enlist the types of seed dispersal. [CLO1, PLO1, C1]	3
4	(a)	Compare the key anatomical features between root and stems. [CLO1, PLO1, C5]	4
	(b)	Discuss the advantage and disadvantage of cross pollination in plants. [CLO2, PLO2, C6]	4
5	(a)	Define plant disease and classify Plant diseases with examples. [CLO5, PLO1, C4]	4
	(b)	Apply your knowledge on controlling measures of plant diseases. [CLO5, PLO1, C3]	4

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