ourdiu.com | Shared by Afzal Mamun Raj

Daffodil International University

Department of Agricultural Science
Faculty of Health & Life Sciences
Final Examination, Summer 2025

Course Code:0812-1203
Level and Term: 1-1
Time: 2 hours

Course Title: Horticulture-I (Fundamentals of Horticulture)
Section: A, B &C
Total Marks: 40

Course Teacher Initials: DMM

"Split answering is strictly prohibited"

			CLO, PLO, C	Marks
1	(a)	Define Unfruitfulness.	CLO1, PLO3 C1	3
	(b)	Discuss the major reasons for this low fruit set, considering related to the genetical factors.	CLO1, PLO3 C4	5
2		Develop a short note on the purpose of training fruit plants and briefly describe the different training systems commonly used in fruit trees.	CLO3, PLO3 C3	8
3		A fruit grower in your region is experiencing a significant decrease in their mango yield despite having a healthy-looking orchard. The primary concern is the high rate of fruit drop, especially during the early stages of fruit development.	CLO4, PLO4 C1	5
	a)	As a horticultural expert, show the potential causes of this fruit drop. Consider both physiological and environmental factors.		
	b)	Demonstrate a comprehensive management plan to help the grower control the fruit drop and improve their overall yield.	CLO4, PLO3 C2	3
4		Organize your idea and present shortly on heading back, Thinning out, Abscission process and Paclobutrazol.	CLO3, PLO4 C3	8
5	(a)	Explain rejuvenation and why it is important in old plants in an orchard.	CLO4, PLO5 C2	4
	(b)	Explain the concepts of polyembryony and incompatibility.	CLO5, PLO3 C4	4