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Daffodil International University

Department of Agricultural Science
Faculty of Agricultural Sciences
BSc. in Agricultural Science
Midterm Examination-Summer 2026

Course Code:0821-1201 **Course Title:** Principles of Agroforestry
Level and Term: 1-2 **Section: A,B,C** **Course Teacher Initials: DMM, MSJ, GJH**
Time: 1 hour and 30 minutes **Total Marks: 25**

Splitting any answer is strictly prohibited

				Marks
1	(a)	Briefly describe the concept of agroforestry with five (5) important benefits.	CLO1, PLO1 C1	2
	(b)	List down the characteristics of evergreen and deciduous forest in including their location in Bangladesh.	CLO1, PLO1 C4	3
2	(a)	Explain the 'sustainability' and 'adaptability' attributes in agroforestry system.	CLO1, PLO1 C4	3
	(b)	What is allelopathy and allelochemicals? How can you manage the effect of allelopathy in agroforestry systems?	CLO1, PLO2 C2	2
3		Classify agroforestry system based on 'nature of composition' and 'temporal sequence'. Explain which agroforestry system is much productive over the other system.	CLO1, PLO2 C3	5
4	(a)	Define alley cropping. Describe the benefits of alley cropping.	CLO1, PLO2 C2	3
	(b)	Describe social forestry and conventional forestry. Write down the benefits of social forestry.	CLO1, PLO2 C3	2
5	(a)	Write short notes on shelterbelt mentioning benefits of shelterbelts	CLO1, PLO2 C2	2
	(b)	List down some important tree and crops species suitable for drought-prone, marshy and degraded lands, justifying your selection based on species compatibility.	CLO1, PLO2 C2	3