ourdiu.com | Shared by Afzal Mamun Raj

Daffodil International University

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

Course Code: 0811 2201 Course Title: Cropping System and Crop Farm Management

Level and Term: L2 S2 **Section: All** **Course Teacher Initials: UHH**
Time: 2 hours **Total Marks: 40**

Splitting any answer is strictly prohibited

				Marks
1	(a)	State the objectives and utility of a Crop Calendar for a farmer.	CLO3, PLO3 C1	3
	(b)	Outline the major steps involved in preparing a Crop Calendar for a given crop.	CLO3, PLO3 C2	5
2		Describe the Crop Cutting Experiment (CCE) as a method of crop yield estimation, and explain how Crop Reporting and Crop Forecasting help policymakers ensure food security.	CLO5, PLO1 C3	8
3	(a)	Classify the categories of land use system in Bangladesh.	CLO3, PLO3 C2	4
	(b)	Analyze the major factors responsible for changes in crop area, production, and yield of Bangladesh over time.	CLO3, PLO3 C4	4
4	(a)	Discuss the basic decisions involved in farm management.	CLO5, PLO2 C2	3
	(b)	Explain any three economic principles (comparative advantage, diminishing returns, substitution, cost analysis) applied in farm planning.	CLO5, PLO2 C4	5
5	(a)	A one-hectare rice farm has a Total Variable Cost of Tk 1,000 and a Total Fixed Cost of Tk 400. The farmer harvests 5,000 kg/hectare and sells rice at Tk 0.30/kg. Calculate the Benefit-Cost Ratio (BCR) and interpret the result.	CLO3, PLO2 C3	5
	(b)	State the principles considered while preparing a cropping scheme.	CLO3, PLO2 C2	3

ourdiu.com