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Daffodil International University
Department of Agricultural Science
Faculty of Health and Life Sciences

Final Examination Semester: Summer 2025

Course Code: 0811-1101 **Course Title: Principles of Agronomy**

Level & Term: L-1, T-1 **Course Teacher: DMH, SB**

Time: 02 hours **Full Marks: 40**

Split answering is strictly prohibited

1.	a.	Describe the factors affecting crop growth.	CLO6, PLO3	4
	b.	What is seed quality and why it is important?	CLO6, PLO3	4
2.	a.	Write down the advantages and limitations of different seed sowing methods.	CLO4, PLO3	4
	b.	Discuss the criteria for sowing/planting methods.	CLO4, PLO3	4
3.	a.	Mention the advantages and disadvantages of tillage.	CLO5, PLO3	4
	b.	What are the prereauisities of tillage?	CLO6, PLO3	4
4.	a.	Differentiate soil fertility and productivity.	CLO6, PLO4	4
	b.	What are the criteria of essentiality of a nutrient?	CLO6, PLO4	4
5.	a.	Write down the functios of phosphorus and potassium.	CLO5, PLO5	4
	b.	What are the components of integrated nutrient management?	CLO5, PLO5	4

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