



Daffodil International University

Department of Agricultural Science

Faculty of Health & Life Sciences

Final Examination, Semester: Fall'25

Course Code: 0811-1102 Course Title: Principles of Agronomy (Practical)

Level & Term: L-1, T-1 Section: All Course Teacher: MTA

Full Marks: 100

"Split answering is strictly prohibited"

1.	Identification	10
2.	Job	10
3.	Short question	5*7=35
	a) Draw and label a country plough.	5
	b) Difference between ploughing and puddling.	5
	c) Write down the 3 Nitrogenous, 2 Phosphatic and 2 Potassic fertilizers name with chemical formula.	5
	d) Why plough plan is form and how to reduce this problem justify your answer.	5
	e) Write down the objectives of earthing up and mulching.	5
	f) Calculate the amount of Urea, TSP, MP and Cow dung to be required for rice cultivation in 2 ha of land where the doses of N, P_2O_5 and K_2O are 150, 90 and 70 kg /ha, respectively. Note 20% P requirement should be provided with Cow dung.	5
	g) A farmer wants to fertilize his 2 acres of jute crop. Calculate the amount of urea, TSP and MP for that area, if the required rate is 100-60-40 kg/ha of N, P and K.	5
4.	Lab report	25
5.	Viva	10
6.	Attendance	10