



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