



Daffodil International University

Department of Agricultural Science

Faculty of Agriculture Science

BSc. in Agricultural Science

Final Examination-Summer 2026

Course Code:0812-1203

Level and Term: 1-1

Time: 2 hours

Course Title: Horticulture -I (Fundamentals of Horticulture)

Section: 262 All

Course Teacher Initials: DMM, MHH

Total Marks: 40

Splitting any answer is strictly prohibited

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|---|---|---------------|-------|
| 1 | (a) Define Unfruitfulness. | CLO1, PLO3 C1 | 3 |
| | (b) Considering related to the <u>internal factors</u> , analyze the potential reasons for low fruit set. | CLO2, PLO1 C4 | 5 |
| 2 | a) Write a short note on fruit drop. State the potential causes of fruit drop in brief. | CLO4, PLO4 C3 | 5 |
| | b) List the management plan to help the grower to control the fruit drop and to improve their overall yield. | CLO4, PLO3 C4 | 3 |
| 3 | Develop a short note on the purpose of pruning of fruit plants and briefly describe the different pruning types commonly used in fruit trees. | CLO3, PLO3 C3 | 8 |
| 4 | a) Define the terms rejuvenation and why it is important in senile plants. | CLO4, PLO2 C1 | 2 |
| | b) Recommend and discuss the three common techniques used for mango orchard rejuvenation, detailing the steps involved in each technique. | CLO2, PLO2 C5 | 6 |
| 5 | Summarize shorty on Central leader of Training system, Espaliers, Parthenocarpy and Incompatibility. | CLO5, PLO4 C2 | 8 |