

MAHATMA GANDHI UNIVERSITY, KOTTAYAM

MGU-UGP (HONOURS)
FIRST SEMESTER EXAMINATION
(2024 ADMISSION ONWARDS)
PRACTICAL

Course Code: **MG1DSCHTC100** Course Title: **Basic horticulture**

Time: 2 Hrs

Maximum Marks: 35

Student should attempt at least one question from each course outcome to enhance their overall outcome attainability

Remember (K), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C), Skill (S), Interest (I) and Appreciation (Ap)

Sl no	Questions	Taxonomy	CO
1	Conduct budding/ grafting on material A . Comment and draw a labeled diagram. (Working – 2; Comment – 3; Labeled diagram – 1; Total 6 marks)	U	3
2	Identify the type of layering B and notice any two defects. Write correct working methods. (Identification – 1; Notice defect – 1, correct working method – 3; Total – 5 marks)	U, An, C	3
3	Identify the garden tools C and D . Comment on it. (Identification: 1; Comments:2; Total = $2 \times 3 = 6$ marks)	U	5
4	Identify the plant growing structure E and comment on it. (Identification: 1; Comments:2; Total = 3 marks)	An, K	2
5	Submit an estimate and detailed plan for a garden design in your own interest. (Estimate – 2; Detailed plan – 2; Total = 4 marks)	An, U	2
6	Submit a field report with 2 geo-tagged photographs of plant nursery or garden. (Complete report – 4; geo-tagged photographs – 2; Total 6 marks).	An	5
7	Practical Record (5 marks)	An, K, U	2, 3, 5

Key

1. A: Budding/Grafting
2. B: Air layering/Trench Layering/Mound layering
3. C & D: Garden tools
4. E: Greenhouses/Polyhouses/Mist chambers/Hot beds
5. Estimate and detailed plan for a garden design
6. Field report
7. Practical Record