

M.Sc. Sem.-3 Examination

502

Horti Science & GM

November-2025

Time : 2-30 Hours]

[Max. Marks : 70

Instructions: All Questions carry equal marks
Attempt all Questions

Q I	Explain in full details – Challenges in growing Avenue and ornamental foliage trees.	14
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OR

Q I	A. What are the difference between the forest nursery and commercial nursery?	7
	B. What are the challenges for growing flowering foliage shrubs? Describe in detail with any 4 challenges.	7

Q II	Growing practices and challenges while growing bulbs and climbers.	14
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OR

Q II	A. Explain: Growing practices while growing aromatic plant.	7
	B. Enlist 8 medicinal plants with scientific name and usage.	7

QIII	Describe in detail: Management of a flower show and other consumer awareness programmes.	14
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OR

Q III	A. Explain in detail exhibiting for effective sale with do's and don'ts.	7
	B. Explain marketing strategies for increasing income in a nursery.	7

Q IV	Describe: Rooting media.	14
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OR

Q IV	A. Short note: Water management.	7
	B. Explain starting material requirements, labour and transportation in mass production.	7

Q V	Attempt any 7 out of 12 Short questions.	14
1	What is the predicted market size of the floriculture production (in billion) by 2029?	2
2	Write growing practices for protective and other shrubs.	2
3	Write any three pests and disease names for ornamental trees.	2
4	Enlist 6 climbers which are commonly used in landscaping.	2
5	Difference between care of cacti and succulents.	2
6	Enlist Ahmedabad's nurseries who sell medicinal plants.	2
7	Write any 4 marketing at the nursery –don'ts .	2
8	How to maintain indoor plant?	2
9	Write any 4 marketing at the nursery -do's.	2
10	Define Nutrient management	2
11	Define Entrepreneurship	2
12	Write an importance of Nutrient management.	2

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