

M.Sc. Sem.-3 Examination

503

Horti Science & GM

November-2025

Time : 2-30 Hours]

[Max. Marks : 70

Instructions: All Questions carry equal marks
Attempt all Questions

Q I	Describe in detail: important nutrients and their deficiencies in important ornamental plants.	14
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OR

Q I	A. Explain manures and biofertilizers.	7
	B. Companies in Gujarat that make biofertilizers and chemical fertilizers.	7

Q II	Describe in detail: Concept of working capital.	14
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OR

Q II	A. Explain the concept of break-even point with the help of diagram and example.	7
	B. What are the difference types of subsidies provided by NHB (Gujarat office) for horticulture?	7

Q III	Describe in detail: Growth and care for outdoor plants.	14
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OR

Q III	A. Explain herbarium.	7
	B. Potting media and plant growth regulators for indoor plants.	7

Q IV	Describe: Vertical garden and bottle garden.	14
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OR

Q IV	A. What is aquaculture? Explain in detail.	7
	B. Describe opportunities and challenges of online sale and purchase of plants.	7

Q V	Attempt any 7 out of 12 Short questions.	14
1	Define: fortified fertilizers.	2
2	Write advantages and disadvantages of chemical fertilizers.	2
3	Define chemical fertilizers.	2
4	Define purchase book.	2
5	What is Drawings?	2
6	What is asset of the business?	2
7	Explain importance of indoor plants.	2
8	Define Bibliography.	2
9	Write any four Indoor plants with Scientific name.	2
10	Define: flower arrangement.	2
11	Write the use of biodegradable materials.	2
12	Define: Vertical garden.	2