MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END THEORY EXAMINATION

B.Sc.(Hons.) Agriculture

Semester	: V (New)	Term	: First	Academic Year	: 2022-23
Course No.	: HORT 354	Title	: Production Technology for Ornamental Crops, MAP and Landscaping		
Credits	: 2(1+1)				
Day & Date	: Friday, 10.02.2023	Time	: 14.00 to 16.00 hrs.	Total Marks	: 40

Note :
1. Solve ANY EIGHT questions from SECTION 'A'.
2. All questions from SECTION 'B' are compulsory.
3. All questions carry equal marks.
4. Draw neat diagram wherever necessary.

SECTION 'A'

Q.1 Write in detail on commercial cultivation of Gladiolus on the following points:
a) Soil and climate
b) Propagation and planting
c) Manures and fertilizers
d) Harvesting and grading

Q.2 Write in brief cultivation of Citronella considering the following points:
a) Propagation
b) Planting
c) Aftercares
d) Harvesting and yield

Q.3 Explain about cultivation of Periwinkle on the following points:
a) Climate and soil
b) Land preparation
c) Planting
d) Harvesting

Q.4 Write cultivation Vetiver (Khus grass) on the following aspects:
a) Climate and soil
b) Propagation
c) Manures and fertilizers
d) Harvesting

Q.5 Define landscaping. Describe in brief about the principles of landscaping.

Q.6 Write about cultivation of Jasmine in respect of the following points:
a) Soil and climate
b) Propagation and spacing
c) Pruning
d) Harvesting and yield

Q.7 Comment on the importance and scope of Medicinal and Aromatic Plants in India.

Q.8 Write about cultivation of Chrysanthemum in respect of the following points:
a) Soil and climate
b) Varieties
c) Pinching and disbudding
d) Harvesting and yield

Q.9 Write in brief on protected cultivation of Rose on the following points:
a) Climate
b) Pinching
c) Time of pruning
d) Harvesting and yield

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Q.10 Write uses of the following:

a) Isabgol

b) Lemon Grass

c) Vetiver

d) Geranium

SECTION 'B'

Q.11 Name plant part(s) used for propagation of the following crops:

1) Palmarosa

2) Jasmine

3) Gladiolus

4) Isabgol

Q.12 Match the pairs:

'A'	'B'
1) Ashwagandha	a) Vinblastine
2) Isabgol	b) Marigold
3) Periwinkle	c) Withanine
4) *Tagetes erecta*	d) Arabinose

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