MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END THEORY EXAMINATION
B.Sc.(Hons.) Agriculture

Semester	: I (New)	Term	: First	Academic Year	: 2023-24
Course No.	: HORT 111	Title	: Fundamentals of Horticulture		
Credits	: 2 (1+1)				
Day & Date	: Saturday, 13.01.2024	Time	: 10:00 to 12:00 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 Define Horticulture. Explain in brief the importance and scope of horticulture.

Q.2 Describe in brief the influence of climate on horticultural crops.

Q.3 What is meant by Plant propagation? Explain in brief the advantages and disadvantages of asexual method of plant propagation.

Q.4 Define Unfruitfulness. Enlist the different causes of unfruitfulness.

Q.5 State the objectives of training in horticultural crops and write in detail about the training methods followed in fruit corps.

Q.6 Write short notes on:

a) Lawn b) Pruning

Q.7 Define Spices and Condiments. Give the importance of medicinal plants.

Q.8 Describe in brief the methods of irrigation in horticultural crops.

Q.9 Enlist the different types of gardens and describe them in brief.

Q.10 Comment on:

a) Use of plant bio-regulators in horticulture

b) Classification of horticultural crops based on climate

SECTION 'B'

Q.11 Define the following terms:

1) Plantation crops 2) Kitchen garden 3) Grafting 4) Scion

Q.12 State True or False:

1) Custard apple belongs to the family Annonaceae.
2) Grapes in Maharashtra are pruned twice in a year.
3) Urea is phosphatic fertilizer.
4) Khirni is used as rootstock in Sweet orange propagation.

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