Semester	: **I (New)**	**Term**	: **I**	**Academic Year**	: **2018-19**
Course No.	: HORT 111	**Title**	: **Fundamentals of Horticulture**		
Credits	: 2(1+1)				
Day & Date	: Wednesday, 26.12.2018	**Time**	: 09.00 to 11.00	**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 diagrams wherever necessary.

SECTION "A"

Q.1 Define horticulture. Explain in detail the importance and scope of horticulture.

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

Q.3 What do you mean 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 crops.

Q.6 Write short notes (Any Two).

1) Lawn 2) Objectives of pruning 3) Aromatic plants

Q.7 Define spices and condiments. Give the importance of medicinal plants.

Q.8 Describe in brief the methods of irrigation.

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 family annonaceae.

2) Grapes in Maharashtra are pruned twice in a year.

3) Urea is a phosphatic fertilizer.

4) Khirni is used as rootstock in sweet orange propagation.

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