

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION
SEMESTER END EXAMINATION

B.Sc. (Hort.)

Semester : I (New) Term : I Academic year : 2017-18
Course No. : H HORT 111 Title : Fundamentals of Horticulture
Credits : 3(2+1)
Day & Date : Thursday, 11.12.2014 Time : 10.00 to 13.00 Total Marks : 80

- 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 the term Horticulture and explain different branches of horticulture.
Q.2 Enlist basis of classification of horticultural crops and write in detail the classification based on climatic requirement.
Q.3 Enlist the different types of vegetable gardening and explain any two of them.
Q.4 State the objectives of training and pruning in horticultural crops and write in detail about the training methods followed in fruit crops.
Q.5 Define unfruitfulness. List out internal and external factors associated with it and explain external factors.
Q.6 Write short notes on (Any two).
1) Bahar treatment
2) Role of water in horticultural crops
3) Multi tiered cropping system
Q.7 Enlist the different systems of planting used for planting of horticultural crops. Explain any two.
Q.8 Define plant growth regulators and enlist the different uses in horticultural crops.
Q.9 Write in brief the importance of horticultural crops.
Q.10 What do you mean by windbreaks? Give importance of windbreaks.

SECTION "B"

- Q.11 Define the following terms.

- | | |
|-------------------|-------------|
| 1) Parthenocarphy | 5) Spices |
| 2) Self fertility | 6) Rotation |
| 3) Photo period | 7) Shrub |
| 4) Notching | 8) Biannual |

(P.T.O.)

12 Match the following pairs.

"A"

- 1) Carbohydrate
- 2) Solanaceae
- 3) Vit-A
- 4) Herbicide
- 5) Vit-C Deficiency
- 6) Cashew apple
- 7) Pomegranate
- 8) Potato

"B"

- a) Stem
- b) Glyphosate
- c) Rich source of iron
- d) Aril
- e) Brinjal
- f) Mango
- g) Scurvy
- h) Sweet potato

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