

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END EXAMINATION

B.Sc. (Hort.)

Semester	: I (New)	Term	: I	Academic Year	: 2013-14
Course No.	: H/HORT 111	Title	: Fundamentals of Horticulture		
Credits	: 3(2+1)				
Day & Date	: Tuesday, 19.11.2013	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. Enlist the branches of Horticulture and give its importance.
- ✓Q.2 Define cropping system. Enlist different cropping systems and describe inter cropping system.
- ✓Q.3 Enlist basis for classification of Horticultural crops and write in detail the classification on the basis of climatic requirement.
- Q.4 What is training and pruning? Describe the methods of training or pruning.
- ✓Q.5 Define Plant growth regulators. Write in brief role of different plant growth regulators in horticultural crops.
- ✓Q.6 Define unfruitfulness. Enlist different factors associated with it and write in brief internal factors.
- ✓Q.7 Explain in brief various points to be considered while selecting site for growing fruit crops.
- ✓Q.8 Write short notes on: (Any Two)
- 1) Bending in guava
 - 2) Notching in fig
 - 3) Kitchen Gardening
- ✓Q.9 Enlist different planting systems of Horticulture crops and explain any two.
- Q.10 Enlist irrigation methods of horticultural crops. Explain any two in brief.

SECTION "B"

- Q.11 State True or False.
- 1) Olericulture deals with vegetable science.
 - 2) Clove is consumed as unopened flower bud.
 - 3) Indole Buteric Acid used as a ripening hormone.
 - 4) Ringing is followed in citrus.
 - 5) Mango is propagated by sword suckers.
 - 6) Vitamin 'B1' is called as thiamine.
 - 7) Pomegranate is temperate fruit crop.
 - 8) Potato is a root vegetable.

(P.T.O.)