

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END EXAMINATION

B.Sc. (Hons.) Horticulture

Semester	: I (New)	Term	: I	Academic Year	: 2017-18
Course No.	: 11/FS 111	Title	: Fundamentals of Horticulture		
Credits	: 3(2+1)				
Day & Date	: Thursday, 13.12.2018	Time	: 09.00 to 12.00	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 give its importance. Enlist the branches of Horticulture.
- Q.2 Enlist basis of classification of horticultural crops and write in detail the classification of fruit crops based on habit of growth.
- Q.3 Enlist the different types of vegetable gardening and explain any two of them.
- Q.4 Enlist the different methods of irrigation and write in detail about drip irrigation.
- Q.5 Define training. State its principles and write in detail about the training methods followed in fruit crops.
- Q.6 Enlist the different systems of planting used for horticultural crops. Explain any two systems of planting.
- Q.7 Define cropping system. Explain in brief different cropping systems in fruit crops.
- Q.8 Write short notes (Any Two).
- a) Principle of organic farming b) Bearing habits in fruit crops
- c) Plant growth regulators
- Q.9 Explain in brief different methods of fertilizer applications in horticultural crops.
- Q.10 Explain in brief about various points to be considered for selecting site while growing fruit crops.

SECTION "B"

- Q.11 Define the following terms.
- 1) Parthenocarp 2) Grafting
- 3) Weed 4) Perennials
- 5) Spices 6) Budding
- 7) Windbreak 8) Fencing
- Q.12 State True or False.
- 1) Mango is propagated by sword suckers.
- 2) Vitamin 'B₂' is called thiamine.
- 3) Cashewnut is a temperate fruit crop.
- 4) Potato is a root vegetable.
- 5) Banana is a berry type of fruit.
- 6) Clove is consumed as unopened flower bud.
- 7) Indole Acetic Acid is used as a ripening hormone.
- 8) Notching is followed in citrus.

