MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END EXAMINATION

B.Sc. (Agri.)

Semester	: I (New)	**Term**	: I	**Academic Year**	: 2016-17
Course No.	: HORT 111	**Title**	: Production Technology of Fruit Crops		
Credits	: 3(2+1)				
Day & Date	: Tuesday, 13.12.2016	**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 Describe in detail about the points to be considered for establishment of ideal fruit orchard.

Q.2 Discuss the importance and scope of fruit growing in Maharashtra and India.

Q.3 Define the term growth regulator. Describe the uses of growth regulators in fruit production.

Q.4 Define wind break and shelter belt and describe it's importance in fruit production.

Q.5 Describe the cultivation of mango on following points.

1) Propagation and planting
2) Improved varieties
3) Important pests and diseases
4) Harvesting and yield

Q.6 Write cultivation of sapota considering the following points.

1) Soil and climate
2) Propagation and planting
3) Improved varieties
4) Harvesting and yield

Q.7 Write short notes (Any two).

1) Bahar treatment in citrus
2) Nutritive value of fruits
3) High density planting

Q.8 Discuss the commercial cultivation of grapes on following points.

1) Propagation and planting
2) Manures and fertilizers
3) Pruning
4) Harvesting and yield

Q.9 Write in brief regarding cultivation of guava fruit crop on following points.

1) Propagation
2) Improved varieties
3) Planting method
4) Harvesting and yield

Q.10 Define pruning and write the objectives, principles and enlist the methods of pruning.

(P.T.O.)

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SECTION "B"

Q.11 Define the following terms.

1) Horticulture
2) Grafting
3) Training
4) Dormancy
5) Polyembryony
6) Scion
7) Rest period
8) Alternate bearing

Q.12 Fill in the blanks.

1) Banana is propagated by_____.
2) Konkan bold is a variety of _____fruit crops.
3) The most common rootstock used for sapota is _____.
4) _____ is the botanical name of papaya.
5) Peach belongs to _____family.
6) The flowering during the month of September-October is called_____ bahar.
7) The fruit crops which grows successfully in cold regions where temperature falls below freezing point during winter are known as_____.
8) Mukta is a variety of _____ fruit crop.

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