MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END EXAMINATION

B.Sc. (Agri.)

Semester	: I (New)	**Term**	: I	**Academic Year**	: 2015-16
Course No.	: HORT 111	**Title**	: Production Technology of Fruit Crops		
Credits	: 3(2+1)				
Day & Date	: Monday, 14.12.2015	**Time**	: 10.00 to 13.00	**Total Marks**	: 80

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 Explain the importance and scope of fruit growing in India.

Q.2 Describe in brief the classification of fruit crops on the basis of climatic requirements and plant part used for consumption.

Q.3 Write in brief the cultivation of mandarin on following points.

a) Soil and climate
b) Improved varieties
c) Propagation and planting
d) Harvesting and yield

Q.4 Define budding. Describe in brief the different methods of budding with suitable examples.

Q.5 Define plant growth regulators and describe in brief their importance in fruit crops with suitable examples.

Q.6 Complete the following table.

Sr.No.	Crop	Botanical Name	Family	Spacing	Propagation
1.	Aonla				
2.	Papaya				

Q.7 Define pruning. State the objectives of pruning and describe in brief the methods of pruning.

Q.8 Write short notes (Any two).

1) Wind breaks
2) Layering
3) Training

Q.9 Write in brief the cultivation of banana on the following points.

a) Improved varieties
b) Propagation and planting
c) Desuckering and propping
d) Harvesting and yield

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Q.10 Write in brief the cultivation of apple on following points.

a) Soil and climate
b) Varieties
c) Propagation and planting
d) Harvesting and yield

SECTION "B"

Q.11 Do as directed.

1) Give the growing zone of apple.
2) Give the family of guava.
3) Give one variety of sapota.
4) Botanical name of peach.
5) Pineapple belongs to the family.
6) Soaking seeds in _____ increase the germination of custard apple.
7) Which type of root system consists by ber?
8) Dinkar is a variety of _____.

Q.12 Define the following terms.

1) Cutting
2) Layering
3) Apomixis
4) Grafting
5) Biennials
6) Scion
7) Propagation
8) Polyembryony

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