

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, DAPOLI
SEMESTER END EXAMINATION
B.Tech. (Agril. Engg.)

Semester : II- **Academic Year** : 2005-2006
Course No. : AG.HORT 124 **Title** : Horticulture
Credits : 3 (2+1)
Day & Date : Thursday, 4-5-2006 **Time** : 9.00 to 12.00 **Total Marks** : 80

- Note :**
1. Solve ANY FIVE questions from **SECTION "A"**.
 2. All questions from **SECTION "B"** are compulsory.
 3. All questions carry equal marks.
 4. Draw neat diagrams wherever necessary.
 5. Make necessary assumptions wherever required.

SECTION "A"

- Q.1 Explain in brief scope and importance of horticultural crops in Maharashtra.
- Q.2 What is asexual method of propagation? Write its advantages and disadvantages.
- Q.3 Define training. Enlist different types of training adopted in horticultural crops.
Give objectives of training.
- Q.4 Write short notes on.
a. Drip irrigation b. Pruning
- Q.5 Explain climatic zones of India.
- Q.6 What is jelly? Explain the procedure for preparation of guava jelly.
- Q.7 Furnish the information in the following table.

Sr. No.	Name of crop	Planting distance	Propagation method
1	Mango		
2	Banana		
3	Tomato		
4	Rose		
5	Chilli		

SECTION "B"

- Q.8 Define the following terms.
a. Pomology b. Micro-propagation c. Preservation
d. Dormancy e. Floriculture
- Q.9 Fill in the blanks.
a. _____ is used as a rooting media in air layering.
b. Leaves are not retained in _____ wood cutting.
c. _____ is an improved variety of grape.
d. Banana is a rich source of vitamin _____.
e. _____ fruit crop is grown in tropical region.
f. Deficiency of vitamin C causes _____ disease.
g. Coleus is propagated by _____.
h. _____ is used as a dwarfing rootstock for the apple.
i. Grafting is possible only in _____ crop.
j. _____ is an improved variety of ber.

(P.T.O.)