

MAHARASHITRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END THEORY EXAMINATION

B.Sc.(Hons.) Horticulture

Semester	: III (New)	Term	: First	Academic Year	: 2023-24
Course No.	: H/FS 234	Title	: Temperate Fruit Crops		
Credits	: 2 (1+1)				
Day & Date	: Tuesday, 5.12.2023	Time	: 9:00 to 11:00 hrs.	Total Marks	: 40

- 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 diagram wherever necessary.

SECTION 'A'

- Q.1 Write in brief the cultivation of apple on the following points:
- a) Soil and Climate
 - b) Propagation
 - c) Manures and Fertilizers
 - d) Harvesting and Yield
- Q.2 Write in brief the importance and scope of temperate fruit crops in India.
- Q.3 Explain in brief cultivation of pear on the following points:
- a) Training system
 - b) Propagation
 - c) Weed management
 - d) Grading
- Q.4 Write short notes on (Any Two):
- a) Physiological disorder and control measure of pecan nut
 - b) Pollination problem in cherry
 - c) Post harvest handling and storage of plum
- Q.5 Describe the cultivation of peach on the following points:
- a) Propagation
 - b) Inter cropping
 - c) Physiological disorders
 - d) Harvesting and Yield
- Q.6 Explain in brief strawberry cultivation on the following points:
- a) Varieties
 - b) Mulching
 - c) Pollination
 - d) Harvesting and Yield
- Q.7
- a) Write the causes and remedial measures for alternate bearing problem in apple.
 - b) Explain training and pruning in persimmon.
- Q.8 Write in brief the cultivation of almond on the below given points:
- a) Propagation
 - b) Planting plan of pollinizers
 - c) Planting distance and time
 - d) Varieties

(P.T.O.)

Q.9 Explain in short cultivation of apricot on the following points:

- a) Soil and Climate b) Mulching
- c) Irrigation d) Harvesting and Yield

Q.10 Write causes of low productivity of apple in India.

SECTION 'B'

Q.11 Match the pairs:

'A'

'B'

- | | |
|----------|--------------------------|
| 1) Apple | a) Red Bartlett |
| 2) Peach | b) Red Delicious |
| 3) Kiwi | c) Tatura trellis system |
| 4) Pear | d) Allison |

Q.12 Fill in the blanks:

- 1) Macadamia nut is also called as _____.
- 2) Botanical name of strawberry is _____.
- 3) Plum is classified as _____ type of fruit crop.
- 4) Pecan nut belongs to family _____.

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