

2

**MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE**  
**SEMESTER END EXAMINATION**

**B.Sc. (Hons.) Horticulture**

|   |                                      |                                |
|---|--------------------------------------|--------------------------------|
| <b>Semester</b> : III (New)                 | <b>Term</b> : I                      | <b>Academic Year</b> : 2018-19 |
| <b>Course No.</b> : H/FS 234                | <b>Title</b> : Temperate Fruit Crops |                                |
| <b>Credits</b> : 2 (1+1)                    |                                      |                                |
| <b>Day &amp; Date</b> : Tuesday, 13.11.2018 | <b>Time</b> : 9.00 to 11.00          | <b>Total Marks</b> : 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 diagrams wherever necessary.

**SECTION "A"**

- Q.1 Explain in brief importance and scope for cultivation of temperate fruits in India.
- Q.2 Describe the cultivation of apple on the following points.
- a) Soil and climate
  - b) Propagation and planting
  - c) Varieties
  - d) Harvesting
- Q.3 Write in brief about cultivation of kiwi or cherry on the following points.
- a) Soil and climate
  - b) Propagation and planting
  - c) Varieties
  - d) Harvesting and yield
- Q.4 Explain in brief the importance of root stocks in temperate fruits with suitable examples.
- Q.5 Write short notes (Any Two).
- a) Training and pruning in temperate fruits.
  - b) Use of plant growth regulators in temperate fruits.
  - c) Varieties of almond and walnut.
- Q.6 Write about the propagation of the following crops.
- a) Pear
  - b) Plum
  - c) Strawberry
  - d) Apricot
- Q.7 Describe alternate bearing problem and their remedies in apple.
- Q.8 Write about low productivity of apples in India and their remedial measures.
- Q.9 Write cultivation practices of pecan nut or persimmon on the following points.
- a) Soil and climate
  - b) Propagation and planting
  - c) Varieties
  - d) Harvesting
- Q.10 Write short note on pre-mature leaf fall and re-plant problem in apple.

**SECTION "B"**

- Q.11 State True or False.
- 1) Crab apple is seedling root stock of apple.
  - 2) Black Heart is a variety of cherry.
  - 3) J.H. Hale is a variety of peach.
  - 4) Santa Rosa is a variety of plum.

(P.T.O.)

Q.12 Match the following pairs.

‘A’

- 1) Apple
- 2) Pear
- 3) Strawberry
- 4) Kiwi

‘B’

- a) Early china
- b) Bruno
- c) Tropical beauty
- d) Chandler

◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆