

9. Write short notes on the following : [4+4 = 8]

- (i) Medicinal importance of bael
- (ii) Physiology of fruit set of fig

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## Question Paper Code : 6079

M.Sc. (Ag.) (Semester-II) Examination, 2018

### HORTICULTURE

[ Second Paper ]

(Subtropical & Temperate Fruit Production)

Time : Three Hours]

[Maximum Marks : 50

**Note :** Answer **five** questions in **all**, including **Question No. 1** which is **compulsory**. Besides this, attempt **one** question from each unit.

1. Define any ten (10) of the following : [2x10 = 20]

- (a) Role of abiotic factors in fruit production
- (b) Root stocks of apple
- (c) Plant growth regulators
- (d) Chilling requirement
- (e) Fertigation
- (f) AEZ
- (g) Parthenogenesis

- (h) Stratification
- (i) Low density planting
- (j) Role of mother plant in propagation
- (k) Canopy management
- (l) CISH

#### UNIT-I

2. Describe the cultivation of Grapes under following heads : [7]

Origin, soil and climatic requirements, commercial cultivars, propagation methods, manure and fertilizers and pest and disease management.

3. Write short notes on the following : [4+3 = 7]

- (i) Storage practices of apple
- (ii) Commercial cultivars of walnut

#### UNIT-II

4. Describe the cultivation of apricot under following heads : [8]

Origin, soil and climate, propagation, improved varieties,

manure and fertilization and disease and pest management.

5. Write short notes on the following : [4+4 = 8]

- (i) Propagation of peach
- (ii) Harvesting, grading and packing of cherry crop

#### UNIT-III

6. Describe the cultivation of persimmon with special reference to origin, soil and climate, manure and fertilizer, propagation, varieties yield, pest and disease management. [7]

7. Write short notes on the following : [4+3 = 7]

- (i) Propagation of Litchi
- (ii) Transportation and ripening techniques of Strawberry

#### UNIT-IV

8. Describe in detail the cultivation of Jamun under following heads :

Origin and distribution, soil and climate, propagation, varieties, manure and fertilizer, pest and disease management. [8]