

- a) Mango
c) Apple
- b) Guava
d) Grapes
- (viii) Show the correct answer: Fruit buds borne terminally and unfold to produce leafy shoots with flowers or flower clusters in the leaf axils is commonly seen in which fruit crop?
- a) Mango
c) Apple
- b) Guava
d) Grapes
- (ix) Show the correct answer: Fruit buds borne laterally unfolding to produce flower parts only without leaves is commonly seen in which fruit crop?
- a) Mango
c) Apple
- b) Guava
d) Papaya
- (x) Show the correct answer: Fruit buds borne laterally unfolding to produce leafy shoots terminating in flower clusters is commonly seen in which fruit crop?
- a) Mango
c) Apple
- b) Guava
d) Grapes
- (xi) Show the correct answer: Fruit buds borne laterally unfolding to produce leafy shoots with flower clusters in the leaf axils is commonly occurred in which fruit crop?
- a) Fig
c) Walnut
- b) Guava
d) Grapes
- (xii) Show the correct answer: Fruit buds borne both terminally and laterally but unfolding to produce inflorescence terminally is commonly occur in which fruit crop?
- a) Fig
c) Walnut
- b) Guava
d) Grapes
- (xiii) Show the correct answer: Fruit buds always borne adventitiously in old trunk or, shoots is commonly occur in which fruit crop?
- a) Fig
c) Jack Fruit
- b) Mango
d) Grapes
- (xiv) The system of training in which the main stem is allowed to grow only upto a certain height and the leader stem is pruned to encourage scaffold branches production, is summarized as:
- a) Modified Leader System of Training
c) Open Centre System of Training
- b) Central Leader System of Training
d) None of these
- (xv) The system of training in which a fruit tree is trained to form a trunk which extends from the surface of the soil to the top of the tree, is summarized as:
- a) Modified Leader System of Training
c) Open Centre System of Training
- b) Central Leader System of Training
d) None of these
- (xvi) Show the correct answer: Bower system of training is generally followed for the cultivation of which group of vegetables?
- a) Solanaceous vegetables
c) Bulbous vegetables
- b) Cruciferous vegetables
d) Cucurbitaceous vegetables
- (xvii) Show the correct answer: Open Centre System of Training is also known as:
- a) Vase-shaped System of Training
c) Espalier System of Training
- b) Head System of Training
d) Telephone System of Training
- (xviii) The practice of reducing the canopy cover in the shade trees in order to permit more light, is summarized as:
- a) Lopping
c) Coppicing
- b) Pollarding
d) Bending
- (xix) The practice of removing the growing point in shade trees in order to encourage side branches, is summarized as:
- a) Lopping
c) Coppicing
- b) Pollarding
d) Bending

(xx) Show the correct answer: The most common method of training system for indeterminate types of tomato:

- a) Multiple stem training
- c) Central Leader System

- b) Single stem training
- d) Open Center System

Group-B

(Short Answer Type Questions)

2.5 x
10=25

- 2. Discuss the process of Ringing in fruit crops. (2.5)
- 3. Propose the stepwise operations for successful canopy management in mango. (2.5)
- 4. Discuss the practice of High Density Planting in mango. (2.5)
- 5. Explain the term- Hi-tech. Horticulture. (2.5)
- 6. Explain the term-Soil Solarization. (2.5)
- 7. Explain the term- Integrated Nutrient Management (INM). (2.5)
- 8. Explain the term-Plasticulture. (2.5)
- 9. Explain the term- Micropropagation. (2.5)
- 10. Explain the term- Integrated Pest Management (IPM). (2.5)
- 11. Classify the different methods of sterilization of media in Plant Tissue Culture. (2.5)

OR

Distinguish between Temporary Nursery vs. Permanent Nursery. (2.5)

Group-C

(Long Answer Type Questions)

5 x 1=5

12. "Modern farming systems through Hi-tech. horticulture holds significant importance and offers vast opportunities for technological innovation and efficiency"- Justify the comment. (5)

OR

"Nursery raising of horticultural crops plays a crucial role in achieving successful crop production by providing a vital foundation for plant growth and development"- Justify the statement. (5)
