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Total No. of Pages : 02

Total No. of Questions : 09

# B.Sc. Agriculture (2014 & Onwards) (Sem.–1) HORTICULTURE-I Subject Code : BSAG-105 M.Code : 72212

Time: 3 Hrs.

Max. Marks : 60

## INSTRUCTIONS TO CANDIDATES :

- 1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
- 2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
- 3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

## SECTION A

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#### 1. Write short notes on :

- (a) Quincunx system
- (b) HDP in grapes
- (c) Area and production of mango and citrus in Punjab

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- (d) Planting of fig
- (e) Fencing
- (f) Olericulture 🗸
- (g) Quality improvement in Kinnow
- (h) Spacing in fig and pineapple
- (i) Irrigation in pomegranate
- (j) Black tip of mango



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### **SECTION-B**

- 2. What are the different training systems followed in deciduous fruits?
- 3. How crop regulation is done in guava and why?
- 4. Explain flowering, fruit set, fruit development and yield of peach cultivation.
- 5. What are the uses of growth regulators in fruit production? Explain with examples.
- 6. What is the importance and scope of horticulture in Punjab?

#### **SECTION-C**

- 7. Explain the genomic classification of banana with suitable diagrams.
- 8. What are the various climatic factors affecting orchard establishment and the classification of fruits in different climatic zones of Punjab?
- 9. Describe the cultivation of apple under following heads: promising varieties, propagation, irrigation, fertilization, flowering, fruit development, harvesting and yield.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.