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Total No. of Questions: 09

# B.Sc.(Hons)(Agriculture) (2019 Batch) (Sem.-1) FUNDAMENTALS OF HORTICULTURE

Subject Code : BSAG-101-19 M.Code : 76924

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 briefly:

- (a) Air layering
- (b) Hesperidium
- (c) Juvenility
- (d) Apiculture
- (e) Climacteric fruits
- (f) Fruit development in loquat
- (g) Medicinal plants
- (h) Flood irrigation
- (i) Heading back
- (j) Scarification



### **SECTION-B**

- 2. What do you mean by layout of an orchard? Discuss important aims of orchard layout.
- 3. What are the various climatic zones of Punjab and the types of fruits grown in them?
- 4. What are the pre-requisites for selecting a rootstock and scion for budding and grafting?
- 5. Differentiate between pollinizers and pollinators giving examples.
- 6. What are the various factors affecting the seed germination?

### **SECTION-C**

- 7. What is unfruitfulness? What are the causes and methods to overcome unfruitfulness?
- 8. What are various propagation structures commercially used for nursery raising? What are their advantages and disadvantages?
- 9. Mention the advantages and disadvantages of sexual and asexual propagation in fruit crops.

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.

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