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Total No. of Pages : 02

Total No. of Questions : 09

B.Voc Agriculture (2018 Batch) (Sem.-1)

**HORTICULTURE- FRUIT CROPS**

Subject Code : BVAG-101-18

Paper ID : [75649]

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****Q1. Write short notes on :**

- a) Grafting in mango
- b) Patch budding
- c) Air layering
- d) Propagation in papaya
- e) Inarching
- f) Open centre system
- g) Pruning
- h) Phytohormones
- i) Black tip in mango
- j) High density planting

### SECTION-B

- Q2. Discuss propagation method and rejuvenation of old ber trees.
- Q3. Discuss various climatic zones of fruit crops.
- Q4. Explain propagation method, control of pre-harvest fruit drop and quality improvement in kinnow.
- Q5. Explain the role of growth regulators in proper development of fruit crops.
- Q6. Define cutting and different methods of cuttings along with examples.

### SECTION-C

- Q7. Discuss different methods of propagation along with advantages and disadvantages of each method.
- Q8. Discuss the propagation method and planting of mango, grapes, banana, loquat and fig, in detail.
- Q9. Define training, its objectives, principles and methods of training of fruit crops.