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Total No. of Printed Pages: [01]

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B.Sc. (Hons.) Agriculture (Semester – 1st)
FUNDAMENTALS OF HORTICULTURE

Subject Code: BAGRS1-157

Paper ID: [21130107]

Time: 03 Hours

Maximum Marks: 60

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A

(2 marks each)

Q1. Attempt the following:

- a. High density planting
- b. Bearing habit in fruit crops
- c. Grafting.
- d. Day neutral plants with suitable
- e. Growth and development
- f. Sub- branches of horticulture.
- g. Kitchen garden
- h. Intercropping
- i. Windbreak
- j. Sucker

Section – B

(5 marks each)

- Q2. Write down the principles of training and pruning
- Q3. Enlist the different methods of irrigation .Give advantages of drip irrigation method.
- Q4. Write about criteria for selection of site for establishment of fruit orchards
- Q5. Give the merits and demerits of sexual propagation.
- Q6. Enlist the uses of plant growth regulators in horticulture crops

Section – C

(10 marks each)

- Q7. Classify different horticultural crops based on fruit type and climatic requirements with three examples each.
- Q8. Describe pollination and pollinators .Interpret different modes of pollinators with suitable examples.
- Q9. Classify and discuss different systems of orchard establishment.