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Total No. of Pages : 02

Total No. of Questions : 18

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

Write briefly :

1. Patch budding
2. Aggregate fruits
3. Flower bud differentiation
4. Sericulture
5. Non-climacteric fruits
6. Triangular system of planting
7. Aromatic plants
8. Organic manures
9. Thinning out
10. Stratification

SECTION-B

11. What do you mean by high density planting? Write its advantages and disadvantages.
12. What are the various climatic zones of India and the types of fruits grown in them?
13. What are the things to keep in mind while selecting a site for orchard planting?
14. Discuss the role of PGRs in horticultural production.
15. Describe various methods of fertilizer application in orchards.

SECTION-C

16. What do you mean by juvenility in fruit crops? What are the phases and factors affecting floral initiation and development?
17. What do you understand by pollination, fertilization and parthenocarpy in fruit crops? Explain in detail with examples.
18. What is dormancy? What are various causes and methods of breaking dormancy?

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.