Roll No.

Total No. of Pages : 02

Total No. of Questions : 08

B.Sc. Honours (Agriculture) (Sem.-4) PRODUCTION TECHNOLOGY FOR FRUIT AND PLANTATION CROPS Subject Code : BSAG-405-19 M.Code : 79744 Date of Examination : 02-07-21

Time: 2 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE question(s), each question carries 12 marks.

- 1. What are the various groups of tea grown in Asian sub-continent? Explain training and pruning in tea and various types and grades of tea along with step by step procedure of tea processing.
- 2. Explain the botany, propagation techniques and harvesting procedures of banana and mango.
- 3. What is the difference between fruit crops and plantation crops? Write about economic importance of plantation crops, scope of area expansion and export potential.
- 4. a) Write short note on rootstocks of apple.
 - b) Explain training and pruning in apple with suitable diagrams.
 - c) What is alternate bearing? What are the factors responsible for it in apple and possible control measures.
- 5. What are the important cultivators of pomegranate with their distinct characteristics? Explain bahar treatment in pomegranate. Why is it necessary?
- 6. a) Explain the system of training commonly followed for temperate fruits in sub-tropical conditions along with diagram.
 - b) Write down the package of practices for cultivation of almond.
- 7. Write about methods and techniques of propagation of pineapple. What are the physiological disorders and common diseases of pineapple with their control measures?
- 8. a) Explain crop regulation in guava.
 - b) Write about maturity indices, harvesting and packaging in grapes.

<u>Note</u>: Any student found attempting answer sheet from any other person(s), using incriminating material or involved in any wrong activity reported by evaluator shall be treated under UMC provisions.

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