

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. (Hons) Agriculture (Sem.-1)

INTRODUCTION TO FORESTRY

Subject Code : BSAG-103-19

M.Code : 76926

Date Of Examination : 14-01-2023

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

1. Write briefly :

- a) Need of pruning operations in forestry
- b) Significance of growing indigenous tree species
- c) Home garden
- d) Forest classification
- e) Alley cropping
- f) Role of agroforestry in diversification of agriculture
- g) Social forestry
- h) Importance of superior genotypes in forestry
- i) Root suckers
- j) Crown classification.

SECTION-B

2. Why growing of *Eucalyptus* through vegetative methods has advantages over conventional method of growing by seeds? Explain the clonal propagation techniques for growing *Eucalyptus*.
3. Discuss the rules to be followed for measuring tree diameter.
4. Discuss the aims of National forest policy 1988.
5. Discuss the natural regeneration methods in forest trees with suitable examples.
6. Why productivity of Indian forests is low? Discuss the strategies to be followed for increasing forest productivity.

SECTION-C

7. Describe the nursery and plantation practices of poplars (*Populus deltoides*)
8. Discuss the importance of agroforestry. Elaborate the agroforestry models adopted by farmers in north India.
9. Why tending operations are important in forest trees? Describe thinning operations in detail.

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.