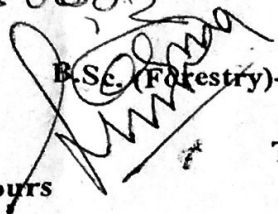


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B.Sc. (Forestry)-3rd Semester, Examination-(2019-20)
Paper-VIII
Tree Seed Technology

S-1137

Time: Three Hours

M.M:35

Section A

Note: Attempt all questions. Each question carries 1 mark.
Fill in the blanks.

1. Seed is the basic unit of
2. is the outer layer of the Seed Coat.
3. Seed is a
4. The colour of Breeder Seed tag is
5. *Dalbergia* seeds are dispersed by

Write True (T) or False (F).

6. The wall of the Ovary or Fruit is called Pericarp T/F
7. *Szygium cuminii* is a recalcitrant seed. T/F
8. Middle layer of Fruit wall is called Mesocarp. T/F
9. TTZ is used to test Seed Viability. T/F
10. Removal of wings from the Seed is called pre-cleaning T/F

Section B

Note: Attempt any five questions. Each question carries 2 marks.

- ~~11. Differentiate between Orthodox and Recalcitrant Seed.~~
- ~~12. Define Seed Orchards. Write in detail about types of Seed Orchard.~~
- ~~13. Seed Viability and Seed Longevity~~
14. Differentiate between Epigeal and Hypogeal Germination.
- ~~15. Define Seed Orchards. Write in detail about types of Seed Orchard.~~
16. What is TTZ test?
- ~~17. Describe Seed Sampling.~~

Section C

Note: Attempt any three questions. Each question carries 5 marks.

- ~~18. Describe Seed Dormancy along with detail classification of Seed Dormancy.~~
- ~~19. Elaborate different methods of Seed Collection in Forestry.~~
20. Describe classification of Seed Storage Potential related to temperature and Seed moisture content
21. Describe the factors affecting Seed Production.
22. Write a detailed note on Seed Processing.