

2109151005 - 8

B.Sc. (Forestry)-5th Semester, Examination-(2019-20)

Paper-II

S-1139

Dendrology

Time: Three Hours

MM: 35

Section - A

Note: Attempt all questions. Each question carries 1 mark.

Fill in the blanks.

1. type of Root occurs in Mangroves.
2. Nodulated root bearing family is
3.root present in *Bombax ceiba*.
4. Edible part of Apple is
5.inflorescence is the characteristic feature of family Poaceae.

Write True (T) or False (F).

- | | |
|---|-----|
| 6. Gregarious flowering is present in Bamboo. | T/F |
| 7. <i>Casuarina equisetifolia</i> is a Conifer. | T/F |
| 8. Conical crown present in Mango. | T/F |
| 9. Ring Bark present in Sal. | T/F |
| 10. Herbarium is a collection of Herbaceous Plants. | T/F |

Section - B

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

11. What is the function of Periderm?
12. Describe the structural features of Hypanthodium Inflorescence.
13. Differentiate between Simple and Compound fruit.
14. What is Cauliflory?
15. Write short notes on the following:
 - a) ICBN
 - b) Floristics
16. Explain Phyllotaxy.
17. Give the main characteristics feature of the family Poaceae.

Section - C

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

18. What is Dendrology? Explain the importance and scope of Dendrology in Forestry.
19. Comment on the following:
 - a) Buttress Root
 - b) Types of Bark
20. Describe main identification features of the family Fabaceae and give its Economic importance.
21. Explain Phylogenetic system of classification? Write about the Hutchinson's classification of Angiosperms.
22. Comment on the following.
 - a) Main characteristic of Conifers
 - b) Economic importance of the Family Meliaceae.