

19. Describe the various factors deteriorating the wood.

20. Discuss in detail on manufacture and uses of Plywood.

S.No. 2625

P 16 BOE 1

(For candidates admitted from 2016–2017 onwards)

M.Sc. DEGREE EXAMINATION, NOVEMBER 2022.

Botany — Elective

FORESTRY AND WOOD SCIENCE

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20)

Answer ALL questions.

1. Comment on obnoxious weeds.
2. Comment on GMO.
3. Comment on Afforestation.
4. Comment on energy plantations.
5. Differentiate heartwood from sapwood.
6. Comment on the significance of knots in wood.
7. Define Brown rot in wood.
8. Name any two chemicals used in the processing of wood.

9. Comment on composite woods.

10. Comment on Plywood.

SECTION B — ($5 \times 5 = 25$)

Answer ALL questions, choosing either (a) or (b).

11. (a) Give an account on conservation of Rare and Endangered species.

Or

(b) Describe the role of Forestry in Indian Economy.

12. (a) Give an account on Forest products.

Or

(b) Describe the role of Forest policies and laws in conservation.

13. (a) Give an account on preservation and seasoning of wood.

Or

(b) Describe the various types of commercial wood species of India.

14. (a) Give an account on chemical processing of wood.

Or

(b) Describe in detail on various practical method of preservation of wood.

15. (a) Give an account on the manufacture and uses of particle boards.

Or

(b) Describe the present status of rayon wood industries.

SECTION C — ($3 \times 10 = 30$)

Answer any THREE questions.

16. Explain in detail on the role of remote sensing and GIS in forestry.

17. Describe the role of social forestry in cottage industries.

18. Discuss in detail on properties of wood.