K26FY0234 Pages: 1 Reg No:.....
Name:.....

Fourth Semester FYUGP Degree (Reg) Examination April 2026

KU4DSCFOR206 - FOREST UTILIZATION

2024 Admission onwards

Time : 1.5 hours Maximum Marks : 50

Section A

Answer any 6 questions. Each carry 2 marks.

1. State the main difference between fibreboard and particle board.
2. What is compregnated wood?
3. State the primary ecological objective of Reduced Impact Logging (RIL).
4. Name two specific types of mechanized extraction equipment used in forestry.
5. Write examples of gums obtained from forest trees.
6. List the major products obtained from eucalyptus.
7. Define wood based industry
8. List three constarints faced by wood-based industries

Section B

Answer any 4 questions. Each carry 6 marks.

9. Formulate strategies for improving NTFP marketing in Kerala.
10. Adapt sustainable collection methods for gums and resins.
11. Compare vetiver and mint based on oil extraction and utilization.
12. Formulate the advantages of dendro-biomass power generation industries
13. Formulate the development measures for sustainable wood based industries
14. Organize the role of precision silviculture in industrial wood production

Section C

Answer any 1 questions. Each carry 14 marks.

15. Analyse how raw wood waste is converted into particle board. Explain the environmental impact of this.
16. Demonstrate how strict adherence to standard felling rules directly reduces both occupational hazards for the crew and structural damage to the timber being harvested.

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