

B.Sc. 5<sup>th</sup> Semester (Honours) Examination- 2021  
FORESTRY

Course ID: 53504

Course Code: SH/FST/ FP3105

Course Title: **Logging and Ergonomics**

Time: 2 Hours

Full Marks: 50

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

- I. Write a definition or one sentence answer any 10 of the following 1x10=10
1. Kerf
  2. Log book
  3. logging
  4. Picaroons
  5. Face
  6. Felling by roots
  7. Safety helmets
  8. Debarking
  9. Saw
  10. Hauling
  11. Bucking
  12. Stump
  13. Skidding
  14. Gutter
  15. Set
- II. Write short note/ define any 10 of the following 2x10 =20
1. Bill hook
  2. Felling by roots
  3. Logs
  4. Pool
  5. NTFP,s
  6. Types of timber depots
  7. Axes
  8. Conversion
  9. Safety rules
  10. Ropeways
  11. Booms
  12. Difference between temporary and final storage of logs
  13. First aids

14. Firewood
15. Composite woods

III. Write down in brief any four(4) of the following

5x4=20

1. Write in detail about road and water transportation methods
2. Write in detail about rules of felling
3. Definition and scope of logging
4. Discuss about any three tools used in logging operations
5. Discuss about felling rules followed by the foresters
6. Discuss about overhead transport methods