K23U 2352

Reg. No. : ....

Name : ....

V Semester B.Sc. Degree (C.B.C.S.S. – O.B.E. – Regular/Supplementary/ Improvement) Examination, November 2023
(2019-2021 Admissions)
CORE COURSE IN FORESTRY
5B09FOR – Forest Mensuration and Forest Management

Time : 3 Hours

Max. Marks : 40

PART – A

Short answer questions. Answer **all.**   (6×1=6)

1. Define forest mensuration.

2. Define form height.

3. Define coupe.

4. Define felling series.

5. Define growing stock.

6. Define progressive yield.

PART – B

Short essay questions. Answer **any six**.   (6×2=12)

7. Attributes of normal forests.

8. Metzger theory.

9. Factors determining the length of rotation.

10. Instruments used for measuring diameter.

11. Periodic block and types.

P.T.O.

12. Yield regulation based on area.

13. Calculation of the volume of felled trees.

14. Role of working plan in forest conservation.

PART – C

Essay questions. Answer **any four**.   (4×3=12)

15. Determination of the age of felled trees.

16. Formation and functions of Village Forest Council.

17. Functional classification of Forests.

18. Types of form factor.

19. Instruments used for measuring girth.

20. Measurement of solid volume.

PART – D

Long essay. Answer **any two**.   (2×5=10)

21. Discuss different types of rotation.

22. Explain with supporting diagrams the standard rules governing breast height measurement.

23. What is JFM ? Discuss the benefits and impacts of JFM with any success stories from Indian scenario.

24. What is increment ? Write the classification of increment. Discuss the relationship between CAI and MAI.

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