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
5B08FOR : Forest Survey and Geoinformatics

Time : 3 Hours

Max. Marks : 40

PART – A

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

1. Define Levelling.

2. Passive remote sensing.

3. What is GPS ?

4. Geostationary orbits.

5. Azimuth.

6. What is Tie line ?

PART – B

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

7. What is Georeferencing ?

8. Principles of remote sensing.

9. Differentiate spatial and spectral resolution.

10. What is SAVI and its significance ?

11. Differentiate raster data and vector data.

P.T.O.

12. Local attraction.

13. Triangulation.

14. Quadrantal bearing.

PART – C

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

15. GPS segments.

16. Types of photogrammetry.

17. Classification of offsets.

18. Advantages of plane table surveying.

19. Characteristics of a contour.

20. Rise and Fall method.

PART – D

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

21. Discuss various applications of remote sensing in forestry.

22. Discuss different types of surveying.

23. Different methods of plane table surveying.

24. Classification, platform and sensors in aerial photography.

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