SECOND SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2022

(CBCSS - PG)

(Regular/Supplementary/Improvement)

CC19P ESC2 C10 - REMOTE SENSING AND GIS

(Environmental Science)

(2019 Admission onwards)

Time : 3 Hours   Maximum : 30 Weightage

Part-A

Answer any *four* questions. Each question carries 2 weightage.

1. Explain Latitude.

2. Explain how the distance measured from a map.

3. Define Remote sensing.

4. Name any five Remote sensing platforms.

5. Discuss the application of Remote sensing in watershed management

6. Define Overlay analysis.

7. Discuss the application of GIS in Disaster management.

(4 × 2 = 8 Weightage)

Part-B

Answer any *four* questions. Each question carries 3 weightage.

8. Discuss any one of the classification of surveying.

9. Explain the advantages and disadvantages of Photogrammetry.

10. Define Cartosat.

11. Explain Thermal IR.

12. Compare Raster and Vector data.

13. Define raster data model.

14. Explain why the visualization is important in GIS.

(4 × 3 = 12 Weightage)

Part-C

Answer any *two* questions. Each question carries 5 weightage.

15. Discuss the History and Scope of Remote Sensing.

16. Discuss different methods of Photo interpretation.

17. Explain the working principle of GPS.

18. Explain the fundamentals of computing GIS.

(2 × 5 = 10 Weightage)

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