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N – 6791

Reg. No. :

Name :

Third Semester M.S.W. Degree Examination, June 2022

Disaster Management

**SWDM 533.2 — GEOGRAPHICAL INFORMATION SYSTEMS IN DISASTER
MANAGEMENT**

(2020 Admission)

Time : 3 Hours

Max. Marks : 75

PART – A

Answer **all** questions in not more than **50** words. **Each** question carries **2** marks.

1. Attribute data
2. Data capturing
3. Agents of Geomorphic Processes
4. Geographic Co-ordinate system
5. Open source software
6. Global positioning system
7. Spatial interpolation
8. Web GIS
9. Meta Data
10. Morphometric Analysis.

(10 × 2 = 20 Marks)

P.T.O.



PART – B

Answer any **five** of the following in not more than **300** words. Each question carries **5** marks.

11. Explain Pre-Processing techniques.
12. What is Spatial Data? Compare raster and vector data.
13. Describe any two applications of web GIS.
14. Explain GIS based disaster risk reduction.
15. What is coordinate system? Explain its types.
16. Explain the concept of Visualization in GIS.
17. What are interpolation techniques in GIS?
18. Define Conventional mapping concepts.

(5 × 5 = 25 Marks)

PART – C

Answer any **three** of the following in not more than **850** words. Each question carries **10** marks.

19. What is GPS? Explain the GPS application in detail.
20. Describe the concept of Database management systems, and their applications.
21. Explain the importance of GIS in Disaster management.
22. Write an essay on the classification of projection system.
23. Briefly explain the historical development of GIS.

(3 × 10 = 30 Marks)

