N – 6789

Reg. No. : ....

Name : ....

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

Disaster Management

SWDM 532.2 — ICT FOR 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.   Computer Memory.

2.   Operating Systems.

3.   Data Warehousing.

4.   Computer Networks.

5.   Data transmission modes.

6.   Which is the cyclone Warning agency of India?

7.   Name any one of the Remote Sensing Satellites of India.

8.   Expand and define MIS.

9.   What is INCOES?

10. Differentiate Free and Open Source Softwares.

(10 × 2 = 20 Marks)

PART – B

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

11. Write a short essay on Network types in Computer System.

12. Comment on Various types of Communication protocols in computer networks.

13. Write a short note on Elements of Communication System.

14. Differentiate Data and Information.

15. 'Effective Data Collection is needed for Potent Disaster Responsiveness' – Explain.

16. What is Computer Network? Explain different Network topologies.

17. What is Remote Sensing? Explain the stages of Remote Sensing.

18. Narrate the role of Indian meteorological department in Disaster Management.

(5 × 5 = 25 Marks)

PART – C

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

19. Describe Wireless communication system. Define the role of Satellite phones and Radio in disaster management.

20. Compare Database Management Systems and Management Information Systems.

21. Narrate major disaster management information sources in India.

22. Describe file management. Explain different types of file management techniques.

23. Critically analyse the importance of GIS in emergency management.

(3 × 10 = 30 Marks)

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