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V – 5563

Reg. No. :

Name :

Fourth Semester M.S.W. Degree Examination, June 2025

Disaster Management

**SWDM 542.2 : TECHNOLOGY AND STANDARDS IN HUMANITARIAN AID,
RELIEF AND REHABILITATION**

(2022 Admission Onwards)

Time : 3 Hours

Max. Marks : 75

PART – A

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

1. What do you mean by sphere philosophy?
2. Write a note on the concept of humanitarian principle.
3. Discuss the characteristics of the humanitarian supply chain.
4. What do you mean by disaster relief logistics?
5. Write a note on the importance of UAVs in emergency operation management.
6. Write a note on web-based humanitarian logistics.
7. Discuss the intervention model of international red cross in disaster relief.
8. Appraise on the notion of 'last mile distribution in humanitarian relief.
9. Write a note on crisis mapping.
10. Discuss the significance of digital humanitarian networking.

(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. Elaborate on the minimum standards in health action in disaster response and relief.
12. Discuss the ethical implications of using technology in humanitarian aid and relief.
13. What are the challenges and opportunities of using artificial intelligence in humanitarian aid, relief and rehabilitation?
14. Discuss the potential of Unmanned Aerial Vehicles (UAVs) in humanitarian operations, including search and rescue, logistics, and monitoring.
15. Discuss the importance of LOGISTIX in disaster management.
16. Elaborate the roles of social worker in humanitarian aid, relief and rehabilitation.
17. How can humanitarian organizations collaborate effectively with other actors, including government agencies, NGOs, and community-based organizations?
18. Critically analyse the importance of artificial intelligence in humanitarian aid.

(5 × 5 = 25 Marks)

PART – C

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

19. Critically analyse the core principles of a code of conduct in humanitarian sector.
20. Write an essay on the various humanitarian standards and benchmarks in disaster management.
21. Elaborate on the nature, scope and challenges of technology driven emergency operation management.
22. How can humanitarian organizations build the capacity of their staff and partners to effectively use technology tools and adhere to relevant standards? Substantiate your answer with adequate examples.
23. Write an essay on HAP benchmarks and its relevance.

(3 × 10 = 30 Marks)

