

M. Sc DEGREE END SEMESTER EXAMINATION - JULY 2021**SEMESTER 2 : ENVIRONMENTAL SCIENCE****COURSE : 16P2EVST07 : DISASTER MANAGEMENT***(For Regular - 2020 Admission and Supplementary - 2019/2018/2017/2016 Admissions)*

Time : Three Hours

Max. Marks: 75

PART A**Answer any 10 (2 marks each)**

1. What are the major causes of forest fire in India?
2. What are the typical effects of droughts?
3. What are the dangers caused by heat wave?
4. What is meant by disaster preparedness?
5. Define response in disaster management.
6. Which are the activities that are of particular importance in disaster preparedness?
7. What is Community Emergency Response Team (CERT)?
8. Why are gender issues important in the disaster preparedness plans?
9. Why do you think it is important for education and public awareness to be carried out at the community level?
10. Explain the use of GIS in data gathering.
11. Explain how the media can influence the government to prioritize disaster risk issues.
12. What are the problems associated with managing MCI?

(2 x 10 = 20)**PART B****Answer any 5 (5 marks each)**

13. Explain the causes of an epidemic.
14. Explain the importance of economic development in disaster mitigation.
15. Explain vulnerability analysis.
16. Explain reconstruction after a disaster.
17. Briefly describe the roles and responsibilities of community workers in CBDM.
18. Explain the ways of storing hazardous materials safely.
19. What are the negative effects of the media?
20. What are the communicable diseases common in disaster situations?

(5 x 5 = 25)**PART C****Answer any 2 (15 marks each)**

21. Explain engineering and construction measures in disaster mitigation.
22. Write an essay on the process of disaster preparedness before a disaster.
23. Comment on the disaster scenario in India.
24. Discuss the role of development that increase disasters in India.

(15 x 2 = 30)