

Reg. No

Name

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

Time : Three Hours

Max. Marks: 75

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

1. Define volcano.
2. What is meant by an epidemic?
3. Explain the causative factors for landslides.
4. Define disaster management cycle.
5. Comment on the significance of economic diversification as a mitigation strategy.
6. Write notes on Search and Rescue (SAR) in disaster response.
7. What is the significance of public education and training in disaster preparedness?
8. Why is crop diversification recommended as a disaster preparedness method?
9. What are the actions to be included in the pre disaster mitigation plan?
10. Who are the professionals within the disaster management discipline to find GIS useful?
11. How can the media help increase international donations?
12. What are the things to be done for developing a Health Education Programme?

(2 x 10 = 20)

Section B**Answer any 5 (5 marks each)**

13. Write notes on different types of geological disasters.
14. Comment on the challenges of mitigation.
15. Explain vulnerability analysis.
16. Comment on the significance of psychological preparedness before a disaster.
17. Comment on mass campaigns in CBDM.
18. What are the characteristics of a hazardous material?
19. Explain the role of emergency health services in disasters.
20. What are the vulnerabilities caused by development?

(5 x 5 = 25)

Section C**Answer any 2 (15 marks each)**

21. Give an account of the economic, institutional, managerial and societal measures in disaster mitigation.
22. Explain Disaster Risk Reduction (DRR) in detail.
23. Discuss the role and influence of culture in Disaster Education and Public Awareness.
24. Write an essay on physical and socio-economic impacts of disasters.

(15 x 2 = 30)