

**B. A./B. Sc./B. COM. DEGREE END SEMESTER EXAMINATION – OCT 2020: JANUARY 2021  
SEMESTER – 5: ENVIRONMENTAL SCIENCE (OPEN COURSE)**

**COURSE: 19U50CDRC1: DISASTERS, ENVIRONMENT, RISK REDUCTION AND CLIMATE CHANGE  
ADAPTATION**

*(Regular 2018 admission)*

Time: Three Hours

Max. Marks: 75

**SECTION A**

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

1. What is meant by disaster management?
2. Give an account of man- made disasters.
3. What is meant by an epidemic?
4. Define disaster management cycle.
5. Define i) recovery ii) relief iii) remittance.
6. What is Hazard?
7. Whom to contact for emergency response?
8. Distinguish between disaster and emergency.
9. What is meant by GIS?
10. What is meant by triage?
11. What is meant Integrated Coastal Zone Management?
12. Define Ecosystem services.

**(2 x 10 = 20)**

**SECTION B**

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

13. Give an account of natural disasters.
14. What are the main mitigation strategies for cyclones?
15. What is meant by reconstruction and rehabilitation?
16. Explain how remote sensing can be used in floods.
17. Discuss the impact of disaster on the economy of a region.
18. Explain the responsibilities of national and local disaster managers.
19. Discuss the need for monitoring and evaluation of communicable diseases control programme.
20. What is meant by Structural and Non -Structural mitigation?

**(5 x 5 = 25)**

**SECTION C**

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

21. Discuss the strategies for environmental risk management.
22. Give an account of mitigation measures on infrastructure.
23. Comment on the disaster scenario in India.
24. Explain how remote sensing techniques are used in different types of disasters. Mention their advantages and limitations.

**(15 x 2 = 30)**