



PRACTICE SET

End Semester Examination, December 2025

Program: DIPLOMA (MINING)
Semester: III
Course: DISASTER MANAGEMENT
Course Code: 8DMC201

UNIT I

Section A (Each carries 5 marks)

1. What do you know about speed of onset?
2. Describe briefly disaster profile of India.
3. Discuss the concept of Disaster, hazard, vulnerability and Risk?
4. According to disaster management act 2005 in how many categories you classify disaster.
5. Write a shorts notes on risk and its component?

Section B (Each carries 10 marks)

6. Discuss the adverse effect; mitigations; to be taken during landslide.
7. Draw disaster management cycle?
8. Disaster management is very important for developing country like India, justify your answer.

Section C (Each carries 20 marks)

9. Investigate the roles & responsibilities of different agencies and Government in DM?
10. Examine the dimensions & scope of Disaster Management.

UNIT II

Section A (Each carries 5 marks)

11. What is Tsunami? How it is different from tidal wave.
12. Name different type of Geological and hydro-meteorological Disaster.
13. Define the term biological disaster and its type.
14. What do you mean by flash flood?
15. What are financial emergencies? Give two examples.

Section B (Each carries 10 marks)

16. Analyse the causes and control measured of technological disaster with reference to major industrial accident in India.
17. Analyse the role of insurance sector in disaster resistant constructions.
18. Briefly analyse the impact of disasters on poverty.

Section C (Each carries 20 marks)

19. What should you do when a flood threatens? What is disaster management for floods? Do you have a 72-hour family disaster supplies kit?
20. Explain in details the condition necessary for development of cyclone. How cyclone are classified. How early warning system work for Cyclone?



UNIT III

Section A (Each carries 5 marks)

21. What is the difference between preparedness and mitigation?
22. Define the term rehabilitation with proper example.
23. Explain the role of NDMA in disaster preparedness.
24. Write about the elements and types of disaster preparedness.
25. What is capacity building in disaster management?

Section B (Each carries 10 marks)

26. How is sustainable development and vulnerability related?
27. It is time that we move from disaster risk reduction to disaster risk governance. Elaborate.
28. Examine what are the requirements of an effective mitigation?

Section C (Each carries 20 marks)

29. E-waste are now becoming a real problem. What are the steps to mitigate this problem?
30. Develop a preparedness plan for flood.

UNIT IV

Section A (Each carries 5 marks)

31. What is the scope of disaster management?
32. Define: a) RS b) GIS?
33. With the help examples explain different type of mitigation.
34. In brief write about land use planning and development.
35. What is early warning system?

Section B (Each carries 10 marks)

36. The role of communication technology has been recognized as integral to disaster management for a long time justify your view.
37. Describe role of GPS in disaster management.
38. What is the role of science and technology in disaster management?

Section C (Each carries 20 marks)

39. Analyse challenges ahead in emerging communication technologies in disaster management.
40. Describe role of geo-informatics in disaster management.

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Disclaimer: - This is a Practice set. The Question in End term examination will differ from the Practice set. This Practice set is meant for practice only.