

QUESTION BANK-DM&MM

MODULE 3&4

A. QUESTIONS 2 MARKS EACH.

1. What are the objectives of a disaster management policy?
2. What are some common disaster risks in India?
3. Why is understanding the importance of disaster management policies crucial for engineering students?
4. What are the key principles of disaster management policies?
5. Explain the significance of command and coordination in disaster management.
6. How should rescue operations be initiated in a disaster situation?
7. What is the importance of a well-structured process flowchart in disaster management?
8. Briefly describe the steps involved in the rescue operations during a disaster.
9. Why is public awareness important in disaster management?
10. What are the key components of preparing and executing an emergency management program?
11. What are some methods and measures to avoid disasters or reduce their impact?
12. What is the importance of setting up emergency facilities during disasters?
13. Why is effective communication among different agencies crucial in disaster situations?
14. How can the internet be used for effective disaster management?
15. Explain the applications of GIS in disaster management.
16. How does remote sensing contribute to disaster management?
17. How can software tools assist in disaster preparedness and planning?
18. Give an example of how GIS can be applied in earthquake disaster management.
19. How does remote sensing technology assist in monitoring forest fires for disaster management purposes?
20. Explain how GPS can aid in the efficient distribution of relief supplies after a disaster.

B. QUESTIONS 5 MARKS EACH.

1. Explain the importance of a paradigm shift from a reactive approach to a proactive approach in disaster management.
2. Describe the objectives of disaster management and how they contribute to reducing the impact of disasters.
3. Why are disaster management policies important, and what are the key principles that guide their formulation?

4. Detail the role of coordination and command in disaster management and provide examples of agencies involved in coordination during disasters.
 5. How can public awareness campaigns and emergency management programs contribute to building a more resilient society?
 6. Illustrate the importance of public awareness, the preparation and execution of emergency management programs, the scope and responsibilities of the National Institute of Disaster Management (NIDM) and the National Disaster Management Authority (NDMA) in India
 7. Illustrate methods and measures to avoid disasters, the management of casualties, the setup of emergency facilities, and the significance of effective communication among different agencies in disaster situations. Provide examples and insights to illustrate the role of each of these elements in ensuring effective disaster management.
 8. "How did the utilization of the internet, mobile apps, and GIS technology during Cyclone Fani in Odisha enhance the effectiveness of disaster preparedness and response efforts? Provide specific examples of how these technologies were applied to address the challenges posed by the cyclone."
 9. Illustrate the outcome of GIS, remote sensing and GPS in context to, "June 2013, the Indian state of Uttarakhand experienced catastrophic flash floods and landslides, leading to widespread devastation."
 10. Distinguish between NIDM and NDMA.
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