

## **“AI” MODEL Questions on DM Unit – 2 - Approaches to Disaster Risk Reduction**

**MODEL Questions on " DM Unit – 2 ", covering all Sub-Topics**

CIVL2281	Disaster Management	L	T	P	S	J	C
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### **UNIT 2**

**Approaches to Disaster Risk Reduction:** Phases and activities of disaster management cycle, Prevention, Mitigation and Preparedness, Community based disaster risk reduction, Structural and Non-structural measures, roles and responsibilities of community, Panchayat Raj Institutions / Urban Local Bodies, States, Centre.

- **General / Conceptual Questions**

1. What is meant by Disaster Risk Reduction (DRR)?
2. Explain the key components of the approach to DRR.
3. How do different approaches to DRR help in minimizing the impact of disasters?

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- ◆ **Phases and Activities of the Disaster Management Cycle**

4. What are the main phases of the disaster management cycle?
5. Describe the pre-disaster and post-disaster phases with examples.
6. How are the phases of disaster management interrelated?
7. Illustrate the disaster management cycle with a diagram and explain each phase.

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- ◆ **Prevention, Mitigation, and Preparedness**

8. Differentiate between prevention, mitigation, and preparedness.
9. Why is mitigation considered a cost-effective approach in DRR?
10. What are some key preparedness measures that communities should take before disasters?
11. Give examples of prevention strategies for natural and man-made disasters.

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- ◆ **Community-Based Disaster Risk Reduction (CBDRR)**

12. What is community-based disaster risk reduction?
13. How does community participation enhance disaster preparedness and resilience?

14. What are the key elements of a successful CBDRR program?
  15. What challenges are faced in implementing CBDRR strategies?
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#### ◆ **Structural and Non-Structural Measures**

16. Differentiate between structural and non-structural measures in DRR.
  17. Provide examples of structural mitigation measures for earthquakes and floods.
  18. What are some effective non-structural DRR measures in urban areas?
  19. How can land-use planning serve as a non-structural mitigation tool?
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#### ◆ **Roles and Responsibilities**

##### ✓ **Community**

20. What are the roles and responsibilities of the community in DRR?
21. How can community knowledge contribute to local risk assessments?

##### ✓ **Panchayati Raj Institutions (PRI) / Urban Local Bodies (ULBs)**

22. What roles do Panchayati Raj Institutions play in disaster preparedness and response?
23. How can Urban Local Bodies help in implementing DRR measures at the local level?
24. Discuss the importance of capacity-building for PRI and ULBs in DRR.

##### ✓ **State Government**

25. What are the key responsibilities of state governments in disaster management?
26. How do states coordinate with the centre and local bodies in DRR?

##### ✓ **Central Government**

27. What is the role of the central government in formulating disaster management policies?
  28. Explain the functions of the National Disaster Management Authority (NDMA) in DRR.
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#### ◆ **Application and Critical Thinking Questions**

29. How can DRR approaches be integrated into development planning?
30. Analyze the effectiveness of DRR strategies during a recent disaster in India.
31. Suggest a multi-stakeholder approach for disaster mitigation in a flood-prone region.
32. What are the gaps in India's current DRR framework, and how can they be addressed?