



KTU NOTES

The learning companion.

**KTU STUDY MATERIALS | SYLLABUS | LIVE
NOTIFICATIONS | SOLVED QUESTION PAPERS**

MODULE 1

1. What is the mechanism by which stratospheric ozone protects earth from harmful UV rays?
2. Explain greenhouse effect and global warming?
3. Briefly explain Indian Monsoon and factors affecting Indian Monsoon?
4. What are disasters? What are their causes?
5. Explain the different types of cyclones and the mechanism of their formation
6. What are Tsunamis? How are they caused?
7. Explain the earthquake zonation of India
8. Explain with examples, the difference between hazard and risk in the context of disaster management
9. Explain the following terms in the context of disaster management (a) exposure (b) resilience (c) disaster risk management (d) early warning systems, (e) damage assessment (f) crisis counseling (g) needs assessment

MODULE 2

1. What is hazard mapping? What are its objectives?
2. What is participatory hazard mapping? How is it conducted? What are its advantages?
3. Explain the applications of hazard maps
4. Explain the types of vulnerabilities and the approaches to assess them
5. What is disaster preparedness? Explain the components of a comprehensive disaster preparedness strategy
6. Explain the different disaster response actions

MODULE 3

1. Explain briefly the concept of 'disaster risk'
2. Explain the core elements of disaster risk management
3. List the strategies for disaster risk management 'before', 'during' and 'after' a disaster
4. What is disaster prevention? Distinguish it from disaster mitigation giving examples
5. Explain the factors that decide the nature of disaster response
6. Explain disaster relief and international relief organizations

MODULE 4

1. Briefly explain the levels of stakeholder participation in the context of disaster risk reduction
2. Explain the benefits and costs of stakeholder participation in disaster management
3. How are stakeholders in disaster management identified?
4. What are the steps to effective disaster communication? What are the barriers to communication?
5. Explain the importance of communication in disaster management
6. Explain capacity building in the context of disaster management
7. Explain capacity assessment, strengthening and capacity for reducing risk
8. Explain crisis counseling

MODULE 5

- 1.** Explain the salient features of the National Policy on Disaster Management in India
- 2.** Explain the guiding principles and priorities of action according to the Sendai Framework for Disaster Risk Reduction
- 3.** Common disaster types in India
- 4.** Institutional arrangements for disaster management in India

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