



Final Assessment Test - April 2025

Course: BCLE212L - Natural Disaster Mitigation and Management

Class NBR(s): 3217 / 3224

Time: Three Hours

Slot: G1+TG1

Max. Marks: 100

- KEEPING MOBILE PHONE/ANY ELECTRONIC GADGETS, EVEN IN 'OFF' POSITION IS TREATED AS EXAM MALPRACTICE
- DON'T WRITE ANYTHING ON THE QUESTION PAPER

Answer ALL Questions

(10 X 10 = 100 Marks)

1. Explain the key priorities of the Hyogo Framework for Action (HFA) and the Sendai Framework for Disaster Risk Reduction.
2. Explain the leading causes of urban flooding in India and describe the measures taken to mitigate it in major cities.
3. Examine the causes, types, and impacts of tsunamis with relevant examples. Discuss the measures taken to mitigate tsunami risks in coastal regions of India.
4. Describe the risks posed by nuclear disasters with examples.
5. Explain the environmental and economic impacts of oil spills. What measures can be taken to prevent and control such disasters?
6. Analyze the role of space technology in disaster management.
7. Examine the role of information and communication technologies (ICT) in disaster monitoring and early warning.
8. What are the essential dos and don'ts during an earthquake? Explain how following these guidelines can reduce casualties and damage using real-world examples.
- 9.a) Evaluate the role of multimedia knowledge products in self-education for disaster management. How do they compare traditional methods like lectures, textbooks, and field training?

OR

- 9.b) Analyze the effectiveness of disaster management plans in India, focusing on their implementation challenges and their role in reducing vulnerability and improving disaster response.
- 10.a) Examine the psychological effects of disasters on affected communities. How do socio-psychological care and education programs help in managing post-disaster stress.

OR

- 10.b) Discuss the significance of capacity building in disaster management and evaluate the contributions of government agencies and educational institutions in enhancing disaster resilience.