

REV-01  
MEV/04/09

2024/06

M.Sc. ENVIRONMENTAL Sc.  
SECOND SEMESTER  
HAZARDS & DISASTER MANAGEMENT  
MEV – 204

**SET  
A**

[USE OMR FOR OBJECTIVE PART]

Duration: 1:30 hrs.

Full Marks: 35

Time: 15 min.

( Objective )

Marks: 10

*Choose the correct answer from the following:*

*1×10=10*

1. Major hazard in India in terms of economic loss is
  - a. Flood
  - b. Drought
  - c. Tsunami
  - d. Earthquake
2. Measure of the expected losses due to a hazard event is called
  - a. Disaster
  - b. Impact
  - c. Risk
  - d. Loss
3. The term disaster owes its origin to the .... word 'Desastre' (Fill in the blank)
  - a. Arabic
  - b. French
  - c. Greek
  - d. English
4. In India, 59 per cent of the land mass is susceptible to
  - a. Flood
  - b. Drought
  - c. Seismic hazard
  - d. Biological hazard
5. Vulnerabilities can be categorized into Physical and
  - a. Biological vulnerability
  - b. Social vulnerability
  - c. Socio-economic vulnerability
  - d. None of above
6. Which of the following model is also referred to as Pressure Model?
  - a. Expand-Contract Model
  - b. Disaster Crunch Model
  - c. Disaster Release Model
  - d. None of the above
7. When was the Hyogo Conference held?
  - a. 12-18 January 2005
  - b. 18-22 January 2005
  - c. 2-8 January 2005
  - d. 8-11 January 2005
8. When was NDRF set in India?
  - a. 2003
  - b. 2004
  - c. 2005
  - d. 2006
9. When was Sustainability in Community Based Disaster Management project launched in Asia-Pacific Region by UNCRD?
  - a. 2002-03
  - b. 1999-2000
  - c. 2004-05
  - d. 2008-09

10. Who is the Chairperson of National Disaster Management Authority?
- a. Union Home Minister
  - b. Chief of Defence
  - c. Prime Minister
  - d. Director General of NDRF

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**( Descriptive )**

Time : 1 hrs. 15 mins.

Marks : 25

*[ Answer question no.1 & any two (2) from the rest ]*

1. Discuss different types of floods and their causes. 5
2. What do you mean by hazard, vulnerability, capacity, risk and disaster? Explain. 10
3. Write short note on (*any two*) 5+5 = 10
  - a. Cyclones and anticyclones
  - b. Measurement of earthquake
  - c. Hyogo framework
  - d. CBDM
4. Critically discuss the family disaster plan. 10
5. Discuss different components of the Institutional Frame for Disaster Management in India. 10

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