

ROLL No:

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Total number of pages:02

Total number of questions:06

B.Tech. || CE || 7th Sem
Disaster Management
Subject Code:BTCE-802
Paper ID:

Time allowed: 3 Hrs

Max Marks: 60

Important Instructions:

- All questions are compulsory
- Assume any missing data

PART-A

(10 x 2 = 20 marks)

Q. 1. Short-Answer Questions:

- a) Mention different steps to be taken in an emergency.
- b) Define non-natural disaster.
- c) What are different uses of Emergency Management Systems.
- d) What are different issues that people have to face in an area affected by disaster.
- e) What is meant by Social Vulnerability.
- f) What do you understand by Capacity Building.
- g) What is meant by disaster mitigation.
- h) Explain use of posters for disaster management.
- i) What is G.I.S..
- j) Explain the role of media in effective disaster management.

PART-B

(5 × 8 = 40 marks)

Q 2. What is remote sensing. How it helps in the prevention of disasters. [CO1]

Or

Explain in detail about GIS applications in disaster Risk reduction.

Q 3. What is meant by disaster management. Explain how disaster management cycle works.

Or

Explain the different causes of natural hazards. Also discuss the distribution pattern of hazards in India. [CO2]

Q 4. Explain in detail Emergency medical and essential public health services, response and recovery operations.

Or

What is meant by disaster response. Explain the objectives of disaster response. What are different disaster response activities. [CO3]

Q 5. Explain the role of media in disaster management. Also discuss the importance of insurance sector in disaster management.

Or

Explain any two of the following:

- a) 2001 Bhuj Earthquake
- b) 2004 Indian Ocean Tsunami
- c) 1984 Bhopal Gas Tragedy

[CO4]

Q 6. What are the basic parameters for planning and design of infrastructure for disaster management. Elaborate with suitable examples.

Or

- a) Explain 'Community based approach in disaster management'.
- b) How information can be spread in the community effectively during a disaster. [CO5]