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**BTECH**  
**(SEM VII) THEORY EXAMINATION 2024-25**  
**DISASTER PREPAREDNESS AND MANAGEMENT**

TIME: 3 HRS

M.MARKS: 100

**Note:** 1. Attempt all Sections. If require any missing data; then choose suitably.

**SECTION A**

**1. Attempt all questions in brief.**

**2 x 10 = 20**

Qno.	Question
a.	Write a short note on hazard.
b.	What do you understand by disaster?
c.	Define urbanization.
d.	Explain disaster risk reduction.
e.	What monitoring systems are used for tracing the path of cyclones?
f.	What are the causes of soil erosion?
g.	What are the factors which affect the vulnerability?
h.	Explain how disaster causes climate change.
i.	Write a short note on "Disaster impacts on social".
j.	Explain how nuclear radiation causes disaster.

**SECTION B**

**2. Attempt any three of the following:**

**10x3=30**

a.	Discuss the hazard and vulnerability profile of Indian mountain and coastal areas in detail.
b.	What are the various reconstruction and development methods? Discuss in detail.
c.	Define earthquake. What are the pre disaster measure taken to manage earthquake disaster?
d.	What do you understand by sustainable and environmental friendly recovery?
e.	Explain briefly the concept of environmental stress and disaster.

**SECTION C**

**3. Attempt any one part of the following:**

**10x1=10**

a.	What are the roles and responsibilities of government and community in disaster risk reduction?
b.	Define landslides. How land slide occurs? Describe the measure taken during a land slide disaster.

**4. Attempt any one part of the following:**

**10x1=10**

a.	What are the various types of disasters? Discuss any two in detail.
b.	Explain in detail the activities of National Disaster Management Authority.



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**5. Attempt any one part of the following: 10x1=10**

a.	Explain DRR programs in India and the activities of National Disaster Management Authority.
b.	What is meant by post disaster stages? Explain clearly.

**6. Attempt any one part of the following: 10x1=10**

a.	Explain in detail the various stages in the disaster management.
b.	Discuss the various types of environmental disaster.

**7. Attempt any one part of the following: 10x1=10**

a.	Define floods. What causes floods? Describe atleast three flood control measure to reduce the impact of flood disaster.
b.	Explain in detail how urbanization affect the environment?

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