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## End Semester Examination, 2024

Name of the Course: B.Tech[CS E]

Semester: VIII

Paper Name: Disaster Management

Paper Code: TDM-881

Time: 3 Hours

Maximum Mark: 100

**Note:**

- (i) All Questions are compulsory.
- (ii) Answer any two sub questions among a, b and c in each question.
- (iii) Total marks in each main question are twenty.
- (iv) Each question carries 10 marks.

<b>Q1</b> (10X2 Marks)		<b>CO1</b>
(a)	Explain the causes of earthquake? What are different effects of earthquake?	
(b)	What do you mean by Natural Disasters? Discuss them with their effects and causes.	
(c)	Explain the causes of Drought. Write different Drought control measures used in India.	
<b>Q2</b> (10X2 Marks)		<b>CO2</b>
(a)	Define the following terms: Biological disaster, Disaster management, Sustainable development, Population explosion	
(b)	Explain in brief about chemical hazards and the impact on the environment by the release of toxic chemicals.	
(c)	Write a detailed note on Kedarnath disaster in Uttarakhand	
<b>Q3</b> (10X2 Marks)		<b>CO3</b>
(a)	Discuss the role of NGOs and local administration during the disasters.	
(b)	Discuss the impact of population explosion and Urbanization on disasters.	
(c)	“Adaption is the principal way to deal with impacts of changing climate”. Comment	
<b>Q4</b> (10X2 Marks)		<b>CO4</b>
(a)	What is disaster Assessment? What are the stages of assessments?	
(b)	What is the immediate relief that must be provided after any disaster strikes?	
(c)	What is the role of rehabilitation in post disaster management?	
<b>Q5</b> (10X2 Marks)		<b>CO5</b>
(a)	Discuss the disaster Management Act, 2005.	
(b)	Define the role and responsibilities of NDRF during the time of disasters.	
(c)	Explain challenges to disaster management in the Himalayan region	