


Name:			
Enrolment No:			
<b>UPES</b> <b>End Semester Examination, May 2023</b>			
<b>Course: Disaster Management</b> <b>Program: B.Tech (Civil Engineering)</b> <b>Course Code: HSFS 3031</b>		<b>Semester: VI</b> <b>Time: 03 hrs.</b> <b>Max. Marks: 100</b>	
<b>Instructions: All questions are compulsory to attempt.</b>			
<b>SECTION A</b> <b>(5Qx4M=20Marks)</b>			
S. No.	Attempt all questions.	<b>Marks</b>	<b>CO</b>
Q 1	Explain coping capacity?	<b>4</b>	<b>CO1</b>
Q 2	Define the terms: (i) Hazard and (ii) vulnerability.	<b>4</b>	<b>CO2</b>
Q 3	State the classification of cyclones.	<b>4</b>	<b>CO2</b>
Q 4	Examine the effects of earthquake?	<b>4</b>	<b>CO3</b>
Q 5	Name the Indian flood prone zones area?	<b>4</b>	<b>CO4</b>
<b>SECTION B</b> <b>(4Qx10M= 40 Marks)</b>			
Q 6	Explain the disaster recovery phase of disaster management along with its relevance activities.	<b>10</b>	<b>CO4</b>
Q 7	Explain in detail the impact of disaster on human life?	<b>10</b>	<b>CO3</b>
Q 8	Write the principles of disaster management?	<b>10</b>	<b>CO4</b>
Q 9	Briefly explain the risk and hazard assessment? OR Define disaster preparedness? Discuss the five steps to disaster preparedness.	<b>10</b>	<b>CO1</b> <b>CO4</b>
<b>SECTION-C</b> <b>(2Qx20M=40 Marks)</b>			
Q 10	Explain two case studies related to disaster management that must include (i) Type of disaster and locations (ii) Cause of disaster (iii) Damage due to disaster (life and economic loss), (iv) Any plan for disaster management.	<b>20</b>	<b>CO4</b>

Q 11	Discuss the institutional framework of national disaster management authority (NDMA) in India along with each level responsibilities. OR Discuss the institutional framework of National Disaster Management Structure in India along with each level involvement and key points.	20	CO4 CO2
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