

Name:			
Enrolment No:			
<b>UPES</b> <b>End Semester Examination, December 2024</b>			
<b>Course: Disaster Management</b> <b>Program: INT-BMSC-Clinical research</b> <b>Course Code: HSFS3039</b>		<b>Semester : V</b> <b>Time : 03 hrs.</b> <b>Max. Marks: 100</b>	
<b>Instructions: Attempt all questions</b>			
<b>SECTION A</b> <b>(5Qx4M=20Marks)</b>			
S. No.	Attempt all questions	Marks	CO
Q 1	Define role & responsibility of Safety officer during disaster	4	CO1
Q 2	Write details of NDRF.	4	CO1
Q 3	Write down Challenges of DM act 2005.	4	CO1
Q 4	Write short note on forest fire.	4	CO2
Q5	Define Risk & hazard assessment	4	CO2
<b>SECTION B</b> <b>(4Qx10M= 40 Marks)</b>			
Q 6	Write Principles of Disaster Management.	10	CO2
Q7	Describe mechanism & causes of Tsunami with examples.	5+5	CO3
Q8	Analyze various methods to reduce effects of earthquake on buildings.	10	CO3
Q9	Illustrate various types of floods with examples. OR Appraise characteristics and causes of floods.	5+5	CO3
<b>SECTION-C</b> <b>(2Qx20M=40 Marks)</b>			
Q10	Evaluate Earthquake causes & Management with suitable examples. OR Evaluate classification, causes and preventive measures of landslides.	20	CO4
Q11	Evaluate the various oil spill control techniques in onshore & offshore	10+10	CO4