


Name:			
Enrolment No:			
UPES End Semester Examination, December 2024			
Course: Disaster Management Program: MTech-HSE Course Code HSFS8035		Semester : III Time : 03 hrs. Max. Marks: 100	
Instructions:			
SECTION A (5Qx4M=20Marks)			
S. No.	Attempt all questions	Marks	CO
Q 1	Describe Classification of Natural disasters.	4	CO1
Q 2	Explain punishment clauses under the disaster Management act 2005.	4	CO2
Q 3	Define role & responsibility of Incident commander during disaster.	4	CO1
Q 4	Explain seismic hazard map of earthquake.	4	CO2
Q5	Write down a short note on vulnerability of NE states to disasters.	4	CO1
SECTION B (4Qx10M= 40 Marks)			
Q 6	Explain cloud burst and recent incidents in Himanchal Pradesh and government initiatives thereof.	10	CO2
Q7	Identify types, causes, effects & mitigation of Forest fires.	10	CO2
Q8	Analyze 7 targets of Sendai framework & describe how these targets can be achieved?	10	CO3
Q9	Illustrate Dos and Don't to be followed during cyclones. OR Appraise mechanism, effect & management of tsunami.	10	CO3
SECTION-C (2Qx20M=40 Marks)			
Q10	Evaluate oil spill impacts & control technologies with suitable example. OR	20	CO4

	Draw an outline of ERP for your plant in chemical industry		
Q11	Your younger brother is studying in a reputed Institute in Bangalore & you are based in Delhi. There is heavy rain in Bangalore & some of the hostel areas in Institute are flooded up to first floor. You receive a call from your younger brother that he is trapped in Hostel. What will be your line of action?	20	CO4