

Name:

Enrolment No:



UPES

End Semester Examination, December 2024

Course: Disaster Management

Program: INT-BMSC-ND

Course Code: HSFS3039

Semester : V

Time : 03 hrs.

Max. Marks: 100

Instructions: Attempt all questions

**SECTION A**  
**(5Qx4M=20Marks)**

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

**SECTION B**  
**(4Qx10M= 40 Marks)**

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

**SECTION-C**  
**(2Qx20M=40 Marks)**

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