


Name:			
Enrolment No:			
UPES End Semester Examination, December 2023			
Course: Disaster Management Semester: 1 Program: MSc (Microbiology) & MSc(ND) Time : 03 hrs. Course Code: HSFS7021			
			Max. Marks: 100
Instructions:			
SECTION A (5Qx4M=20Marks)			
S. No.	Attempt all questions	Marks	CO
Q 1	Define Classification of Natural disasters.	4	CO1
Q2	Explain details of NDRF and its role during disaster.	4	CO1
Q3	Define role & responsibility of Incident commander.	4	CO2
Q4	Explain causes & impact of Joshi math disaster.	4	CO3
Q5	Explain seismic hazard map of earthquake.	4	CO3
SECTION B (4Qx10M= 40 Marks)			
Q1	Write principles of Disaster Management.	10	CO2
Q2	Describe Lessons learnt from worst Industrial disaster in India.	10	CO3
Q3	Identify types, causes, effects & mitigation of Forest fire.	10	CO4
Q4	Explain mechanism, effect & management of cyclone. OR Explain mechanism, effect & management of tsunami	10	CO4
SECTION-C (2Qx20M=40 Marks)			
Q1	Describe approaches & measures for long, short term protection from Floods. OR Explain various types of floods, characteristics & causes with examples.	20	CO4

Q2	Describe oil spill impact & control with suitable example	20	CO4
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