


Name:			
Enrolment No:			
UPES End Semester Examination, December 2024			
Course: Disaster Management Program: MSc-Microbiology		Semester : 1 Time : 03 hrs. Max. Marks: 100	
Course Code: HSFS7021			
Instructions:			
SECTION A (5Qx4M=20Marks)			
S. No.	Attempt all questions	Marks	CO
Q 1	Describe classification of Natural disasters.	4	CO1
Q 2	Write short note on landslides	4	CO2
Q 3	Define role & responsibility of Information & Media officer in disaster	4	CO1
Q 4	Explain Sendai framework of Disaster Management	4	CO2
Q5	Explain future strategies of flood management	4	CO1
SECTION B (4Qx10M= 40 Marks)			
Q 6	Explain Storm hydrograph & factors affecting it	10	CO2
Q7	Outline causes & effects of forest fire. What are various mitigation measures required to be taken.	10	CO2
Q8	Analyze ICS in detail. Why ICS is essential	10	CO3
Q9	Illustrate notes on earthquakes. What are causes & how best it can be managed. <p style="text-align: center;">OR</p> Appraise the reasons for the disaster in Joshi math. How it could have been avoided..	10	CO3
SECTION-C (2Qx20M=40 Marks)			
Q10	Evaluate oil spill control techniques	20	CO4
Q11	Evaluate structural & non-structural flood management measures with examples. <p style="text-align: center;">OR</p>	20	CO4

	Evaluate mechanism, effect and management of cyclone with examples.		
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