

Name:	 UPES UNIVERSITY WITH A PURPOSE
Enrolment No:	

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, May 2019

Course: HSE for Urban Infrastructure Industry Program: MBA UISC Course code: PIUI 8008 Pages : 2	Semester: IV Time: 03 Hours Max. Marks: 100
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Section A

1	Complete the abbreviations a. OSHA b. ISO c. COD d. BOD e. FAI	[5X2]	CO1
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2	Explain in short a. Disaster b. Disaster Management c. Risk d. Hazard e. Vulnerability	[5X2]	CO1
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SECTION B (Attempt all Questions)

1	Critically analyze Disaster Management Cycle.	[5]	CO3
2	Explain the causal factors of disaster.	[5]	CO1

3.	Explain Integrated HSE management system in business	[5]	CO3
4	Explain Indian Boiler Act.	[5]	CO1
SECTION C (Attempt any Two Questions)			
1.	Explain the process of EIA with proper flow chart	[15]	CO2
2.	Write short notes of the following: a. THE STATIC AND MOBILE PRESSURE VESSELES, SMPV (UNFIRED) RULES, 1981 b. ETP with proper flow diagram	[15]	CO1
3.	Analyze the role of National Disaster Management Authority	[15]	CO2
SECTION D			
1	Frame a disaster management plan for city of Dehradun to protect it from flash flood, earthquake, disease outbreak etc. Also take into consideration if city got hit by any natural or manmade disaster.	[30]	CO3

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Section A

1	Complete the abbreviations a. SO _x b. NO _x c. PMI d. ESP e. BOD	[5X2]	CO1
2	Explain in short a. Disaster b. EIA c. SIA d. WTP e. ESP	[5X2]	CO1
SECTION B (Attempt all Questions)			
1	Critically analyze Disaster Management Cycle.	[5]	CO3
2	Explain paradigm shift in disaster management.	[5]	CO1
3.	Explain National Plan for disaster management	[5]	CO3

4	What are the methods that can be used for controlling water pollution.	[5]	CO1
SECTION C (Attempt any Two Questions)			
1.	Explain why Integrated HSE management in business is of utmost importance.	[15]	CO2
2.	Write short notes of the following: c. Methods of controlling Air Pollution d. ETP with proper flow diagram	[15]	CO1
3.	Analyze the role of State Disaster Management Authority	[15]	CO2
SECTION D			
1	Frame a disaster management plan for city of Dehradun to protect it from flash flood, earthquake, disease outbreak etc. Also take into consideration if city got hit by any natural or manmade disaster.	[30]	CO3