


Name: Enrolment No:			
<p style="text-align: center;">UPES End Semester Examination, May 2025</p> <p> Course: Leadership in Safety Program: MTech (HSE) Course Code: HSFS7032 </p> <p style="text-align: right;"> Semester: II Time : 03 hrs. Max. Marks: 100 </p> <p>Instructions:</p>			
SECTION A (5Qx4M=20Marks)			
S. No.		Marks	CO
Q 1	Define Democratic leadership style with practical examples.	4	CO1
Q 2	Explain Great man theory of leadership with examples.	4	CO2
Q 3	What are the personal benefits of Emotional Intelligence (EI) ?	4	CO1
Q 4	Explain commonalities in traits of a leader & manager	4	CO2
Q5	Is self-regulation better than self-awareness in Emotional Intelligence?	4	CO2
SECTION B (4Qx10M= 40 Marks)			
Q 6	Describe different styles of leadership with examples?	10	CO2
Q 7	Analyze Fiedler's contingency model & contingency theory.	10	CO3
Q 8	You have joined on transfer as In charge HSE. Analyze traits & skills of leader required to be demonstrated at new place of posting.	10	CO3
Q 9	<p>Safety/Occupational health issues, such as unsafe conditions/practices, ergonomics, stress, fatigue and exposure to hazardous substances, can impact employee health and productivity. Violations occur when employers fail to address these issues through proper risk assessments, training, and support mechanisms.</p> <p>As an Expert HSE Officer in Oil & Gas industry identify safety & occupational health issues & propose a line of action to tackle occupational health issues.</p> <p>OR</p> <p>Analyze the importance of empathy in Emotional Intelligence with examples.</p>	10	CO4

SECTION-C
(2Qx20M=40 Marks)

Q10	<p>Evaluate the importance of leadership in Safety Management & safety management systems.</p> <p style="text-align: center;">OR</p> <p>You are a well-known HSE officer of High Repute in Oil Industry. You must conduct a public hearing to get EC of 100 wells otherwise work will stop. One day stoppage of work cost Rs10 lakhs to company.</p> <p>Everything is going very smoothly for public hearing. It has been notified in newspapers; Draft EIA reports have been circulated amongst locals. Banners etc are displayed. The venue is finalized & all arrangements have been made.</p> <p>ADM has consented to chair the public hearing & Pollution control board is satisfied with your arrangements.</p> <p>A day before the public hearing you get to know that there is a call for Bandh. It is very difficult to conduct public hearings on that day. If you are unable to conduct a public hearing on the designated day, it will take at least 45-60 days for the procedures to conduct it again.</p> <p>Management has asked you to take a call. If Public hearing is not conducted it may result in huge monetary loss & loss of your prestige. If Public Hearing is conducted it may fail as the public may not participate & may pose threat to you also.</p> <p>Propose a line of Action. Analyse traits that leaders need to display in such a situation with proper justification.</p>	20	CO4
Q 11	<p>.You are adrift on a private yacht in the South Pacific. As a consequence of a fire of unknown origin, much of the yacht and its contents have been destroyed. The yacht is now slowly sinking. Your location is unclear because of the destruction of critical navigational equipment and because you and the crew were distracted trying to bring the fire under control. Your best estimate is that you are approximately one thousand miles south-southwest of the nearest land.</p> <p>Below is a list of fifteen items that are intact and undamaged after the fire. In addition to these articles, you have a serviceable, rubber life raft with oars large enough to carry yourself, the crew, and all the items listed below. The total contents of all survivors' pockets are a package of cigarettes, several books of matches, and five one-dollar bills.</p> <p>Your task is to rank the fifteen items below in terms of their importance to your survival with proper justification.</p>	20	CO4

	Sextant			
	Shaving Mirror			
	Mosquito Netting			
	25-liter container of Water			
	Case of Army Rations			
	Maps of the Pacific Ocean			
	Floating Seat Cushion			
	10 liters can of Oil/Petrol mixture			
	Small Transistor Radio			
	20 sq. ft. of opaque Plastic Sheeting			
	Can of Shark Repellent			
	One bottle rubbing alcohol			
	15 ft. of Nylon Rope			
	2 boxes of Chocolate Bars			
	An ocean Fishing Kit & Pole			