



Name:			
Enrolment No:			
UPES End Semester Examination, May 2023			
Course: Statutory Rules & Regulations Semester: II Program: M.Tech - Health, Safety and Environment (HSE) Course Code: HSFS 7002		Time : 03 hrs. Max. Marks: 100	
Instructions: <u>Open Book Test (Statutory acts / rules, and PPT used in class, such print out can be brought for the exam).</u>			
SECTION A (5Qx4M=20Marks)			
S. No.		Marks	CO
Q 1	<p>The Factories Act defines the term, “adolescent”, as a person who has completed his:</p> <p>a) sixteenth year of age but has not completed his eighteenth-year b) seventeenth year of age but has not completed his eighteenth-year c) fifteenth year of age but has not completed his eighteenth-year d) None of these</p>	4	CO1
Q 2	Please state the general duties of the occupier in line with the “Factories Act, 1948”.	4	CO2
Q3	Please state the obligations of the dock workers in line with the, “Dock Workers (Safety, Health and Welfare) Act, 1986”.	4	CO3
Q4	<p>The following worker is working at height, please identify two non-compliances as far as safety is concerned.</p> 	4	CO5
Q5	Please assume that you are a Dock Inspector on a surprise visit to a Dock. The dock representative did not allow you to enter the premises and obstructed you from discharging your duties. In line with the, “Dock Workers (Safety, Health and Welfare) Act, 1986”, please state the penalty that is applicable. Please quote the relevant section.	4	CO5

SECTION B (4Qx10M= 40 Marks)			
Q6	Please state the powers of Inspectors as stated in the “Factories Act of 1948”.	10	CO3
Q7	<p>The Bombay docks explosion occurred on 14 April 1944, in the Victoria Dock of Bombay, British India (now Mumbai, India) when the British freighter SS Fort Stikine, carrying a mixed cargo of cotton bales, timber, oil, gold, and ammunition including around 1,400 tons of explosives with an additional 240 tons of torpedoes and weapons, caught fire and was destroyed in two giant blasts, killing around 800 to 1,300 people.</p> <p>Please refer to the “Dock Workers (Safety, Health and Welfare) Act, 1986”, and answer the following in reference to the case study:</p> <p>a) Power of government to direct enquiry. b) Power of court to make orders</p>	10	CO4
Q8	The “Factories Act of 1948”, was subsequently amended in 1987. Please state and explain the sections added in the amendment.	10	CO1
Q9	<p>Please refer to the “Dock Workers (Safety, Health and Welfare) Act, 1986” and explain the composition of the Advisory Committee. Please quote the relevant section.</p> <p style="text-align: center;">OR</p> <p>Please refer to the “Explosives Act 1884”, and explain grant and refusal of licenses. Please also state why the section on refusal of license was specifically added in this act. Please quote the relevant sections.</p>	10	CO3
SECTION-C (2Qx20M=40 Marks)			
Q10	Please refer to the “Factories Act 1948”, and explain the specific requirements / provisions to be made for lifting machines, chains, ropes and lifting tackles if present in a factory. Please quote the relevant sections.	20	CO3
Q11	<p>Please refer to the “Air Pollution Act 1981”, and state the power to constitute a state board as well as the composition of such board if the “Water (Prevention and Control of Pollution) Act, 1974”, is not applicable in this state. Please quote the relevant section.</p> <p style="text-align: center;">OR</p> <p>Please state why a country such as India which is more of an agri-based economy, decided to promulgate legislations such as, the “Air Pollution Act 1981”, and the “Environment Protection Act 1986”. Given that the acts have been in effect, explain in brief the problems of implementation especially related to stubble burning in Punjab & Haryana.</p>	20	CO3