GUJARAT TECHNOLOGICAL UNIVERSITY BE - SEMESTER-VI • EXAMINATION – SUMMER 2013

0	ect Code: 161305 Date: 30-05-2013 ect Name: Occupational Health and Safety	
Time	Time: 10.30 am - 01.00 pm Total Marks: 70 Instructions:	
	 Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks. 	
Q-1	(a) Define safety organization and enlist the objectives of safetyOrganization.(b) What is mean by occupational dieses? Explain any one in detail.	07 07
Q-2	(a) Discuss occupational hazards.	07
	(b) Explain the preventive measures for accident. OR	07
	(b) Explain dangerous properties of chemicals.	07
Q-3	(a) Explain safety terminology(b) Explain classes of fire.	07 07
0.3	OR	07
Q-3	(a) Write short note on safety organization.(b) Classify the fire extinguisher in detail.	07 07
Q-4	(a) Write a short note: Bhopal Gas Tragedy	07
	(b) Enlist the main safety measures for electric work and explain any two in detail. OR	07
Q-4	(a) Discuss in brief HAZOP	07
	(b) Enlist the main objectives of major hazard control system.	07
Q-5	(a) Enlist the factors affecting the selection of personal protective Equipment (PPE).	07
	(b) Write a short note on even tree analysis OR	07
Q-5	(a) Discuss in brief HAZAN	07
~	(b) Write a short note on On-Site Emergency Plan	07
