Seat No		
	GUJARAT TECHNOLOGICAL UNIVERSITY	
B. E.Sem – VI - Examination Summer 2015 Subject code: 161305 Date:12/5/2		
Subject Name: Occupational Health & Safety		,
•	0.30AM-01.00PM Total Marks:	70
Instructions: 1. Attempt all questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks.		
Q-1	(a) Define Occupational Diseases. Group them under physical, chemical and Biological agents.	07
	(b) Discuss Occupational Hazards.	07
Q-2	(a) Explainpreventive measure for Accident.	07
	(b) Explain Safety Terminology. <b>OR</b>	07
	(b) Define Routes of entry of toxic materials into Human Body.	07
Q-3	(a) Write a short note on Safety Organization.	07
	(b) What is Fire? Explain classes of Fire.	07
Q-3	<b>OR</b> (a) Write a note on Fault Tree Analysis.	07
	(b) Explain Accident causative factors.	07
Q-4	(a) Explain the Concept of Safety & Philosophy of Safety	07
	(b) What is Explosion? Give the Classification of Explosion <b>OR</b>	07
Q-4	<ul><li>(a) Explain in Brief PPE</li><li>(b) Enlist the main safety measures for electric work and explain any two in detail</li></ul>	07 07
Q-5	<ul> <li>(a) Discuss in brief HAZOP</li> <li>(b) Write a short note on even tree analysis</li> <li>OR</li> </ul>	07 07
Q-5	(a) Discuss in brief HAZAN	07
τ-	<ul><li>(b) What are the Factors Impending Safety?</li></ul>	07
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