Sea	at No.:	Enrolment No.	
		GUJARAT TECHNOLOGICAL UNIVERSITY M. E SEMESTER – II • EXAMINATION – SUMMER • 2014	
Subject code: 1724902Date: 18-06-2014Subject Name: Construction Safety ManagementTime: 02:30 pm - 05:00 pmTotal Marks: 70Total Marks: 70			
	2.	Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a) (b)	Write Principle of Safety for various construction projects. What is safety? Requirement of safety and safety management on construction sites.	07 07
Q.2	(a)	Give explanation regarding Personal and Public safety and its management in real construction practice.	07
	(b)	How Direct and Indirect cost of the construction is affected to the poor safety management?	07
		OR	
	(b)	Write Duties and Responsibilities of Site safety Engineer and contractor in safety management.	07
Q.3	(a)	Explain following terms with keep in mind about safety policies: Risk assessment, Risk Control, Risk Management	07
	(b)	Enlist the human errors on site. And write influences which can be useful to minimize human errors.	07
		OR	
Q.3	(a)	Why the causes and provisions of safety are required to be incorporated in contract (construction works)? Describe various provisions in this regard with your own views.	07
	(b)	What is an accident? Discuss critically the reasons of accident on construction site? How will you overcome the same, mention precautionary & lost measures for the same?	07
Q.4	(a)	Write Short Note on: Safety requirement for Scaffolding, formwork and False work	07
	(b)	Give essential of safety awareness & culture and how it can be beneficial to the workers.	07
_		OR	_
Q.4	(a) (b)	Write Short Note on: Safety in Lifting appliances and Tunneling Work. Write about on site safety assessment and equipments	07 07
Q.5	(a)	Write Short Note on: Workman Compensation Act and Focus on various aspects on detail.	07
	(b)	Correlate the following terms with each other: Health, Safety and Cost. OR	07
Q.5	(a)	Give explanation: Sub contractual obligation and preparation regarding documents	07
	(b)	Give your views about following statement: õ Safety Management of Industrial Building can able to handle easily while comparing to the high rise Buildingö	07