Seat No.:	Enrolment No

## **GUJARAT TECHNOLOGICAL UNIVERSITY**

ME - SEMESTER- II(New course) • EXAMINATION (Remedial) - WINTER- 2015

Subject Code: 3/2510/			Date: 15/12/2015	
Ti		Name: Security Standards and Audit 30 pm to 5:00 pm  Total Marks: 70	0	
		Attempt all questions.  Make suitable assumptions wherever necessary.		
Q.1	(a) (b)	What is the need of information security? Explain security policy for general users. What is Security Risk Assessment? Explain types and benefits of Risk Assessment.	07 07	
Q.2	(a)	What is disaster? When an incident occurs, how do the disaster recovery response activities work? Explain steps for disaster recovery approach.	07	
	<b>(b)</b>	Explain information asset with five stages of maturity asset classification.	07	
		OR		
	<b>(b)</b>	Explain IT Governance Maturity Model with figure.	07	
Q.3	(a)	Explain Crisis Management Plan for On-line Examination conducted by IT Agency.	07	
	(b)	What is COBIT? Explain COBIT framework with its features and diagram.  OR	07	
Q.3	(a) (b)	Explain asset classification methodology. Where to use Security Certification ISO 27001? Explain the same with an example.	07 07	
Q.4	(a) (b)	Explain the differences between Security Risk Assessment and Security Audit. Explain test steps for auditing WLAN.	07 07	
		OR		
Q.4	(a) (b)	Explain test steps for Auditing Data Centers. Explain Role of IT Audit team.	07 07	
Q.5	(a)	Enlist the different phases of IT Risk Management Life Cycle, explain each in brief.	07	
	(b)	Does ISO 27001 certification mean HIPAA and HITECH compliant by default? What are the differences between these standards?  OR	07	
Q.5	(a)	Enlist the different stages of audit process, explain each stage in brief.	07	
	<b>(b)</b>	Compare ISO certified with ISO compliant. Explain the same in detail.	07	

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