Seat No.: _____ Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY

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

Subject Code: 3725107 **Date: 15/12/2015**

Subject Name: Security Standards and Audit

Time:2:30 pm to 5:00 pm **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)**	What is the need of information security? Explain security policy for general users.	**07**
	(b)	What is Security Risk Assessment? Explain types and benefits of Risk Assessment.	**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)	Explain information asset with five stages of maturity asset classification.	**07**
		OR	
	(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.	**07**
		OR	
Q.3	**(a)**	Explain asset classification methodology.	**07**
	(b)	Where to use Security Certification ISO 27001? Explain the same with an example.	**07**
Q.4	**(a)**	Explain the differences between Security Risk Assessment and Security Audit.	**07**
	(b)	Explain test steps for auditing WLAN.	**07**
		OR	
Q.4	**(a)**	Explain test steps for Auditing Data Centers.	**07**
	(b)	Explain Role of IT Audit team.	**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?	**07**
		OR	
Q.5	**(a)**	Enlist the different stages of audit process, explain each stage in brief.	**07**
	(b)	Compare ISO certified with ISO compliant. Explain the same in detail.	**07**

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