Seat No.: _____　　　　　　　　　　　　　*Enrolment No._____*

GUJARAT TECHNOLOGICAL UNIVERSITY
M.B.A. Sem - IV Examination May 2011
Subject code: 840402
Subject Name: Information System Audit and Control

Date:23/05/2011　　　　　　　　　　　**Time: 02.30 pm – 05.30 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)**	Explain objectives of information systems auditing.	07
	(b)	Write short note on PIN numbers.	07
Q.2	**(a)**	Why there is risk associated with Information system? Explain types of risks.	07
	(b)	Discuss: "In era of information technology, business is almost impossible without information system" and explain need of Audit and control of information system.	07

OR

	(b)	Explain possible security threats and remedial measures associated with Information system.	07
Q.3	**(a)**	What are normative models of the system development process? Explain system development life cycle approach.	07
	(b)	Write brief note on controls over subversive threats.	07

OR

Q.3	**(a)**	Describe planning, organizing, staffing, leading and controlling functions of IS department.	07
	(b)	Explain importance of Interviews, questionnaires and flowcharts. Explain questionnaires in detail.	07
Q.4	**(a)**	How to evaluate system efficiency? Explain types of workload models.	07
	(b)	Elucidate audit technology to assist the evaluation decision.	07

OR

Q.4	**(a)**	Explain the need of concurrent audit techniques.	07
	(b)	Elucidate Cryptographic controls in respect to boundary control framework.	07
Q.5	**(a)**	Write detailed note on generalized audit software.	07
	(b)	Explain Program development Lifecycle.	07

OR

Q.5	**(a)**	Explain topological controls.	07
	(b)	Describe types of Performance measurement tools.	07

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