

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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