

**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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