

Seat No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

**GUJARAT TECHNOLOGICAL UNIVERSITY**

**M. E. - SEMESTER – II • EXAMINATION – SUMMER • 2014**

**Subject code: 2725107**

**Date: 25-06-2014**

**Subject Name: Security Standards and Audit**

**Time: 02:30 pm - 05:00 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 real mission of internal audit department? What is the role of the IT Audit team? **07**
- (b)** What are various stages of an Audit? Explain each phase in detail. **07**
- Q.2 (a)** How to audit entry-level controls which are pervasive across an organization? Specifically discuss various auditing areas for information technology. **07**
- (b)** What are some of the questions that IT auditor can ask during the audit of the Business Continuity Management (BCM) process? **07**
- OR**
- (b)** What are the objectives of the Disaster Recovery / Business Continuity Audit program? **07**
- Q.3 (a)** What is the purpose of the information asset classification process? In phased-approach, what are various phases in classification? **07**
- (b)** Explain in detail Internal Audit's role in the strategic planning process. **07**
- OR**
- Q.3 (a)** What are the objectives and scope of Crisis management plan? **07**
- (b)** Explain Computer Assisted Audit Techniques And Tools in detail with examples **07**
- Q.4 (a)** What are various International Auditing standards? Explain them in detail **07**
- (b)** Why do you need security policy? Who are the stakeholders who will be using policies? **07**
- OR**
- Q.4 (a)** What is ISO 27002? When was it published? Who wrote the original document? **07**
- (b)** What are examples of typical information security policies and other controls relating to three parts of ISO/IEC 27002? **07**
- Q.5 (a)** Why define security engineering practices? How can they best be defined? **07**
- (b)** Who developed and supports the SSE-CMM? What is security engineering? **07**
- OR**
- Q.5 (a)** How does the SSE-CMM\* define practices for security engineering? What is the relation between the SSE-CMM and other methods of obtaining assurance? **07**
- (b)** How a Framework for Information Security Law Could Improve Information Security? Explain in detail. **07**

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