

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

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

Subject code: 725107

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 mark.**

- Q.1** (a) Explain asset valuation methods? Define the term confidentiality? **07**
(b) Brief on FIPS-140 evaluation standard? Define the term Integrity? **07**
- Q.2** (a) Brief on Chinese wall security model? **07**
(b) Brief on three properties of Bell-LaPadula model? **07**
OR
(b) Brief on three main goals of integrity? **07**
- Q.3** (a) Brief on the importance of Information Systems to today's organizations? **07**
(b) Brief on the importance of security of Information Systems? **07**
OR
- Q.3** (a) Brief on the Administrative Controls? Brief on Technical Controls? **07**
(b) Brief on Physical Controls? Brief on the importance of SSE-CMM? **07**
- Q.4** (a) Give differences between Qualitative vs. Quantitative method of risk assessment? **07**
(b) Brief on the importance of business continuity planning for organizations? **07**
OR
- Q.4** (a) Brief on the drawbacks of the internal audits? **07**
(b) Brief on the importance of operating system audits? **07**
- Q.5** (a) Brief on the Microsoft Baseline Security Analyzer? What is a Disaster? **07**
(b) What is Authentication? What is Authorization? What is an incident? **07**
OR
- Q.5** (a) What is a threat agent? Brief on various types of threat agents? **07**
(b) Brief on the Decision Support System? What is Accountability? **07**
