

GUJARAT TECHNOLOGICAL UNIVERSITY
ME – SEMESTER II (NEW) – • EXAMINATION – SUMMER 2016

Subject Code: 3725107**Date: 04/06/2016****Subject Name: Security Standards and Audit****Time: 10:30 am to 01:00 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 role of IT Audit Team? Also Explain Key traits of Successful IT Auditor. **07**
- (b) Discuss any four Security policies on Access Control **07**
- Q.2** (a) Explain security risk assessment in detail, including benefits, frequency and type. **07**
- (b) Discuss Testing Steps for Auditing Windows **07**
- OR**
- (b) Describe the role of System Administrator in Virus protection. **07**
- Q.3** (a) What is Process? Explain key elements of Process and Process Level strategy for Corporate Culture. **07**
- (b) What is Information Asset Classification? List six Maturity stages and give explanation of classification plan with example. **07**
- OR**
- Q.3** (a) Explain features of COBIT Framework with diagram. **07**
- (b) Explain threat, threat analysis and vulnerability analysis during security risk Assessment. **07**
- Q.4** (a) Briefly Explain auditing steps of Disaster Recovery Planning process. **07**
- (b) Give explanation of security Model(any two) **07**
- 1) Bell-LaPadula Model
 - 2) Harrison-Ruzzo-Ullman Model
 - 3) Clark-Wilson Model.
- OR**
- Q.4** (a) Explain how HIPAA is beneficial to Employee with its Privacy and Security rules. **07**
- (b) Define Crisis. Explain Crisis Management Plan for any Corporation. **07**
- Q.5** (a) Explain IT Governance Maturity Model with suitable diagram. **07**
- (b) Write note on IT Risk Management Life Cycle. **07**
- OR**
- Q.5** (a) Explain use of ISO 27001 and ISO 17799 in business with suitable example. **07**
- (b) List and Explain Laws for Information Security. **07**
