

GUJARAT TECHNOLOGICAL UNIVERSITY
MBA - SEMESTER-IV • EXAMINATION – SUMMER 2013

Subject Code: 840402

Date: 10-05-2013

Subject Name: Information Systems Audit and Control

Time: 14:30pm – 17:30pm

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) Under which circumstances auditing around the computer & auditing through the computer is to be used. **07**

Q.2 (a) Describe the ways in which the existence of a QA function may change the work of both internal and external auditors. **07**

(b) Why there is risk associated with Information system? Explain types of risks. **07**

OR

(b) Write short note on PIN numbers. **07**

Q.3 (a) What are normative models of the system development process? Explain System Development Life Cycle approach. **07**

(b) Describe planning, organizing, staffing, leading and controlling functions of IS department. **07**

OR

Q.3 (a) Describe the various update & report protocols that might be implemented in application software to protect the integrity of the database. **07**

(b) Explain three major types of exposure which arise in the communication subsystem. **07**

Q.4 (a) Explain the need of concurrent audit techniques. **07**

(b) How to evaluate system efficiency? Explain types of workload models. **07**

OR

Q.4 (a) Explain the functional capabilities of Generalized Audit software. **07**

(b) What are the reasons for use of interviews by auditors? Discuss the major tasks that auditors must accomplish during the preparation phase of interview. **07**

Q.5 (a) Explain topological controls. **07**

(b) Discuss different ways in which organizational use of the Internet has affected the information systems auditor's function. **07**

OR

Q.5 (a) Describe types of Performance measurement tools. **07**

(b) Elucidate Cryptographic controls with respect to boundary control framework. **07**
