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## **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 07 through the computer is to be used. Q.2 (a) Describe the ways in which the existence of a QA function may change the 07 work of both internal and external auditors. (b) Why there is risk associated with Information system? Explain types of 07 risks. OR **(b)** Write short note on PIN numbers. 07 (a) What are normative models of the system development process? Explain 07 Q.3 System Development Life Cycle approach. (b) Describe planning, organizing, staffing, leading and controlling functions of 07 IS department. OR Q.3 (a) Describe the various update & report protocols that might be implemented 07 in application software to protect the integrity of the database. (b) Explain three major types of exposure which arise in the communication 07 subsystem. **07 Q.4** (a) Explain the need of concurrent audit techniques. **(b)** How to evaluate system efficiency? Explain types of workload models. 07 OR (a) Explain the functional capabilities of Generalized Audit software. 07 0.4 **(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. Q.5 (a) Explain topological controls. 07 (b) Discuss different ways in which organizational use of the Internet has 07 affected the information systems auditor's function. OR Q.5 (a) Describe types of Performance measurement tools. 07 (b) Elucidate Cryptographic controls with respect to boundary control 07 framework.

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