

GUJARAT TECHNOLOGICAL UNIVERSITY

MBA - SEMESTER-IV • EXAMINATION – SUMMER • 2015

Subject Code: 2840401

Date: 05-05-2015

Subject Name: Information System Audit and Control (ISA&C)

Time: 10.30 am - 13.30 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)** Write Short notes on: **07**
1. Wide area network topologies
2. Local area network topologies
- (b)** Explain objectives of information systems auditing. **07**
- Q.2 (a)** Explain following in brief in IS audit context **07**
1. Questionnaires 2. Interviews 3. Control flowchart
- (b)** Write short note on Types of controls. **07**
- OR**
- (b)** Explain the major information security threats in detail. **07**
- Q.3 (a)** Explain in detail: Data entry screen design. **07**
- (b)** Discuss the various types of data input validation checks. **07**
- OR**
- Q.3 (a)** Explain Personal Identification Number in detail. **07**
- (b)** Briefly explain the purposes of Short-run planning in relation to the information systems' audit function. **07**
- Q.4 (a)** Explain in brief: **07**
1. Check digit 2. Utility software 3. File Library
- (b)** Explain three major types of exposure which arise in the communication subsystem. **07**
- OR**
- Q.4 (a)** How to evaluate system efficiency? Explain types of workload models **07**
- (b)** Write down Guidelines for designing questions for good questionnaire. **07**
- Q.5 (a)** Define following terms. **07**
1. Post implementation audits 2. Chief programmer teams
3. Coding 4. Unauthorized Intrusion
5. Emergency plan 6. Information System
7. Testing
- (b)** Describe types of Performance measurement tools **07**
- OR**
- Q.5 (a)** Write Short note on Digital signature & Plastic cards **07**
- (b)** Explain expert systems in detail **07**
