

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

MBA – SEMESTER 4 – • EXAMINATION – SUMMER 2016

Subject Code: 2840401

Date: 05/05/2016

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

Time: 10:30 am to 01:30 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) Answer the following MCQs. **06**

1. PIN stands for _____
- A Post identification number B Personal idea number
C Personal internal number D Personal identification number
- The process of assigning a code to something for classification or identification is called as _____
2. A Numbering B None of this
C Coding D Decoding
- WAN stands for _____
3. A None of this B Windows area network
C Wide area network D Wide antenna network
- Which of the following isn't concerned in audit context?
4. A Questionnaires B Interviews
C Control flowchart D Selection
- One of Goals Of secure computing is _____
5. A Confidentiality B Interruption
C Modification D Others
- One of the following is threats to security in computing
6. A Confidentiality B Interruption
C Integrity D Others

Q.1 b Define: **04**

1. Post implementation audits
2. Chief programmer teams
3. Coding
4. Unauthorized Intrusion

Q.1 c Write Brief note on Types of control **04**

Q.2 a Discuss the various types of data input validation checks. **07**

b Explain the major information security threats in detail. **07**

OR

b Explain objectives of information systems auditing. **07**

Q.3 a Explain in detail: Data entry screen design **07**

b Explain following in brief in IS audit context **07**

1. Questionnaires
2. Interviews
3. Control flowchart

OR

Q.3 a Explain three major types of exposure which arise in the communication **07**

- subsystem
- 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 Personal Identification Number in detail. **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** Write Short notes on: **07**
1. Wide area network topologies
2. Local area network topologies
- b** Describe types of Performance measurement tools **07**
- OR**
- a** Write Short note on Digital signature & Plastic cards **07**
- b** Explain expert systems in detail **07**
