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

2. The process of assigning a code to something for classification or identification is called as_____

A Numbering B None of this
C Coding D Decoding

3. WAN stands for _____

A None of this B Windows area network
C Wide area network D Wide antenna network

4. Which of the following isn't concerned in audit context?

A Questionnaires B Interviews
C Control flowchart D Selection

5. One of Goals Of secure computing is _____

A Confidentiality B Interruption
C Modification D Others

6. One of the following is threats to security in computing

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: 1. Check digit 2. Utility software 3. File Library	**07**
	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: 1. Wide area network topologies 2. Local area network topologies	**07**
	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**

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