



**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**MBA – SEMESTER 04 – • EXAMINATION – SUMMER 2019**

**Subject Code: 3549251**

**Date: 04/05/2019**

**Subject Name: Information System Audit & Control (ISAC)**

**Time: 10:30 AM to 1:30 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 questions. 14
- A. Information System Audit
  - B. Utility Software
  - C. Data Repository System
  - D. LAN
  - E. Quality Assurance
  - F. Data Integrity
  - G. Data Coding
- Q: 2 (a) Explain various factors influencing an organization toward control & audit of computers. 7
- (b) Explain impact of information system audit function on organizations. 7
- OR
- (b) Explain effects of computer system on internal controls. 7
- Q: 3 (a) Explain major security threats and their remedial measures. 7
- (b) Explain function of data administrator. 7
- OR
- (a) Explain Normative model of the system development process. 7
- (b) Explain functions of Quality Assurance 7
- Q: 4 (a) Explain digital signature in detail. 7
- (b) Explain various data coding errors. 7
- OR
- Q: 4 (a) Explain functional capabilities of generalized audit software. 7

Q: 5 VC is one of the leading Casual Wear for men and women in Ahmedabad. They have vast amount of customer databases in floppy drives, CDs, Computers, laptops etc. Duet to their growing demand in the market, they are expanding their existing business. Considering this they want to store the entire available database into proper information based system. They are also interested to establish digital devices, application & billing software with web cameras in their store. They want to utilize all the past customers details to convey them about the latest products available in the market. With the structure database they can generate more customers and also responsive towards customers.

- a) Suggest various software (including billing & product) and hardware requirements. Also discuss how this helps them to improve efficiency. 7
- b) Explain the various obstacles, while implementing the new system. 7

OR

- a) Explain the audit process adopted by you before implementing the system. 7
- b) Which problems owners will face, if they do not concern any technical expert for making an Audit? 7