# PAPER 6: MANAGEMENT INFORMATION AND CONTROLSYSTEMS

# May 2005

Question No 1 is compulsory.

Answer any four questions from the remaining six questions.

## Question 1

- (a) Your client has recently switched over from manual accounting to computerized accounting. When you receive the computerized accounts for the first quarter you find the following error:
  - Incomplete or unauthorized data input
  - Errors in the files or database during updating (ii)
  - Improper distribution or disclosure of output. (iii)

You, as an information system auditor suggest the suitable test of controls for audit of Computer processing so that the above mentioned errors can be prevented. (10 Marks)

(b) State the objectives and scope of IT act 2000.

(5 Marks)

(c) Why is computer fraud a serious threat to any business organization.

(5 Marks)

#### Question 2

(a) What is Information security? State the core principles of information security.

(10 Marks)

- (b) "A decision support system supports the human decision making process rather than providing a means to replace it". Justify the above statement by stating the characteristics decision support system. (5 Marks)
- (c) Describe the main pre-requisite of a Management Information System which makes it an effective tool.

(5 Marks)

## Question 3

(a) What are the factors considered to design the ideal layout of printed output?

(10 Marks)

(b) What is the Vendor evaluation? Define the process for the same.

(10 Marks)

#### Question 4

- (a) A Company is planning to introduce a new range of products. The top management is advised to get developed on marketing information system which can enhance the decisional capacities in various marketing activities. You being in- charge of this project suggest what information sale system are required to be developed. (10 Marks)
- (b) Describe any five functional areas of a system which needs to be analyzed by system analyst for detailed investigation of the present system. (5 Marks)
- (c) Describe various access control methods used for safety of the database.

(5 Marks)

#### Question 5

(a) What do you understand by disaster recovery plan? Discuss its various components.

(10 Marks)

(b) Explain different activities involved in conversion from manual system to computerized System.

(5 Marks)

(c) Describe the characteristics of good coding system.

(5 Marks)

# Question 6

Question 7

(a) What are the characteristics and features of ERP?

(5 Marks)

(b) List any 5 ERP vendors and briefly describe the ERP packages offered by them.

(5Marks)

(c) What are called work benches? Describe the various tools used in programming work Bench.

(10 Marks)

 $(4\times5=20 \text{ Marks})$ 

- (a) Transaction logs
- (b) Data dictionary (c) Client- Server model

(d) Disc Imaging and Analysis Technique.