

PAPER 6: MANAGEMENT INFORMATION AND CONTROL SYSTEMS

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:
- (i) Incomplete or unauthorized data input
 - (ii) Errors in the files or database during updating
 - (iii) Improper distribution or disclosure of output.
- 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

- (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. **(5 Marks)**
- (c) What are called work benches? Describe the various tools used in programming work Bench. **(10 Marks)**

Question 7

(4×5=20 Marks)

- (a) Transaction logs
- (b) Data dictionary
- (c) Client- Server model
- (d) Disc Imaging and Analysis Technique.