

PAPER 6: MANAGEMENT INFORMATION AND CONTROL SYSTEMS
November 2003

Question No.1 is compulsory
Answer any four from the remaining six questions.

Question 1

- (a) What is the sole purpose of an Information System (IS) Audit? (2 Marks)
- (b) What is the role of an IS Auditor? (2 Marks)
- (c) While performing an IS Audit, the Auditor should make sure that various objectives are met. Briefly describe them. (6 Marks)
- (d) What are the different types of securities required for the Computer System? Explain briefly the different components of physical security of a computer installation. (10 Marks)

Question 2

- (a) Explain the role played by Financial Information System in making financial decisions. (8 Marks)
- (b) Describe briefly three levels of Management (3 Marks)
- (c) Mention at least two pieces of information - one internal and one external - required at every one of the levels of Management. (6 Marks)
- (d) Discuss the potential impact of computer and MIS at the top level of Management. (3 Marks)

Question 3

- (a) Describe the various components of Client Server Architecture. (8 Marks)
- (b) Bring out the reasons as to why the organizations fail to achieve their Systems Development Objectives? (12 Marks)

Question 4

- (a) Explain the different conversion strategies used for conversion from a manual to a computerized system. (5 Marks)
- (b) Discuss briefly the advantages and disadvantages of any one conversion strategy. (3 Marks)
- (c) For a material inventory control system, draw the system flowchart and explain the following:
 - (i) System interfaces
 - (ii) Files and inputs Reports. (12 Marks)

Question 5

- (a) What is and ERP (Enterprise Resource Planning) System? (2 Marks)
- (b) Write down the general guidelines which are to be followed before starting the implementation of an ERP package. (8 Marks)
- (c) Why should business take Computer Frauds seriously? (10 Marks)

Question 6

- (a) Briefly describe any five core principles of Information Security. (10 Marks)
- (b) What are Case Tools? Describe in depth the categories of case tools with examples. (10 Marks)

Question 7

(5×4=20 Marks)

Write short notes on any **four** of the following:

- (a) Executive Information Systems
- (b) System Manual
- (c) Digital Signature Certificate
- (d) Point scoring analysis in vendor evaluation
- (e) Transaction logs.