
PAPER 6 : MANAGEMENT INFORMATION AND CONTROL SYSTEMS.
May 2006

Question No.1 is Compulsory.

Answer any four questions from remaining six questions.

Question 1

- (a) A XYZ Company receives orders from customers either by telephone, facsimile or electronic data interchange. A clerk then transcribes the order into one of the company's order form to be keyed into the order entry system.

You being the information system auditor of the company, suggest various internal control procedures to be adopted to prevent inaccurate or unauthorized source data entry. **(5 Marks)**

- (b) Describe the composition and powers of Cyber regulatory appellate tribunal. **(5 Marks)**
- (c) Discuss the limitations of the Management Information System. **(5 Marks)**
- (d) Define the following Computer fraud abuse techniques:
- (i) Hacking
 - (ii) Logic time bomb
 - (iii) Piggy backing
 - (iv) Spamming
 - (v) Data diddling.

Question 2

- (a) What you mean by Information? Describe the important characteristics of information, which makes it useful to the organization. **(10 Marks)**
- (b) "Information is necessary to executive for performing the function of planning". Substantiate the above statement with regard to information requirements of a marketing system. **(5 Marks)**
- (c) Describe various decisions which can be made with the help of financial Information System. **(5 Marks)**

Question 3

- (a) A Company is offering a wide range of products and services to its customers. It relies heavily on its existing information system to provide up to date information. The Company wishes to enhance its existing system. You being an information system auditor, suggest how the investigation of the present information system should be conducted so that it can be further improved upon. **(10 Marks)**
- (b) Describe various software tools used in Decision Support System. **(5 Marks)**
- (c) Describe various components of Client server architecture. **(5 Marks)**

Question 4

- (a) What do you mean by production scheduling? Draw the information flow diagram for design of computerized production scheduling system. Also explain : **(10 Marks)**
- (i) System interface
 - (ii) File inputs and
 - (iii) Reports required for the above system.
- (b) Briefly discuss about various factors which should be considered for evaluating the vendor proposal for supply of computer system. **(5 Marks)**
- (c) Describe various strategies for change over from manual system to computerized system. **(5 Marks)**

Question 5

- (a) What is significance of input validation control? Describe briefly three different levels of input validation controls used in computerized information system. **(10 Marks)**
- (b) Explain the various criteria used for valuation of ERP Packages. **(5 Marks)**
- (c) Describe briefly five components of a CASE work bench. **(5 Marks)**

Question 6

- (a) What do you mean by information security policy? Explain the salient features of the Information Security Policy. **(10 Marks)**
- (b) Describe the various security components available in a secure operating system. **(5 Marks)**
- (c) Suggest suitable guidelines to be followed for efficient form design. **(5 Marks)**

Question 7**(5×4=20 Marks)**

- (a) Write short notes on any of the following:
 - (i) Firewalls
 - (ii) Top down approach of system development.
 - (iii) Material requirement planning.
 - (iv) Source program library control.
 - (v) Sources of packaged software.