

PAPER – 6 : MANAGEMENT INFORMATION AND CONTROL SYSTEMS

MICS-I

Answer **all** questions.

Each question carries 20 marks.

	Marks
1)	
a) Discuss the characteristics of the information used in decision making by the strategic level of management.	6
b) Explain various types of information systems at various levels of management.	6
c) What are the five control objectives of an operating system?	8
2)	
a) During implementation of an ERP, in addition to the direct software cost, what other cost would you like to include to arrive at the Total Cost of Ownership[TCO]?	6
b) What are the subversive threats ? How do the intruders manipulate the message being transmitted?	6
c) Describe the sequence of events which occur immediately for each transaction when controlled by the sales order entry computer programs in an OLRT systems.	8
3)	
a) Define 'Electronic Signature' and 'Electronic Signature Certificate' in the light of the Information Technology (Amended) Act 2008.	5
b) Briefly explain the Punishment for publishing or transmitting of obscene material etc. in electronic form as per Section 67 ,Section 67A and section 67B of the Information Technology (Amended) Act 2008.	7
c) Enumerate various information which are required for sales support and sales analysis.	8
4)	
a) Explain the various criteria used for evaluation of the ERP packages.	6
b) What do you mean by Information Security Policy. Explain the salient features of Information security Policy.	8
c) Suggest suitable guidelines to be followed for efficient form design.	6

5)

- a) If you are the project manager of a software company with the responsibility of developing a break-through product, combining the state of the art hardware and software, will you opt for prototyping as a process model for a product meant for the intensely competitive entertainment market ? 6
- b) What is the purpose of system evaluation? How it is performed? 6
- c) What do you understand by the term "CASE" tools? Briefly describe various CASE tools. 8

😊All the best😊

SUGGESTED ANSWERS / HINTS

1)

- a) Chap-4 Discuss the characteristics of the information used in decision making by the strategic level of management. 6
- b) Chap -3 Explain various types of information systems at various levels of management. 6
- c) Chap -13 What are the five control objectives of an operating system? 8

2)

- a) Chap -12 During implementation of an ERP, in addition to the direct software cost, what other cost would you like to include to arrive at the Total Cost of Ownership[TCO]? Hint : refer cost controlling module of SAP+ concept of TCO[TCO=implementation cost+maintenance cost] +hardware,software& manpower cost. 6
- b) Chap-13 What are the subversive threats ? How do the intruders manipulate the message being transmitted? 6
- c) Chap -11 Describe the sequence of events which occur immediately for each transaction when controlled by the sales order entry computer programs in an OLRT systems. 8

3)

- a) Chap-16 Define 'Electronic Signature' and 'Electronic Signature Certificate' in the light of the Information Technology (Amended) Act 2008. 5
- b) Chap- 16 Briefly explain the Punishment for publishing or transmitting of obscene material etc. in electronic form as per Section 67 ,Section 67A and section 67B of the Information Technology (Amended) Act 2008. 7
- c) Chap-4 Enumerate various information which are required for sales support and sales analysis. 8

4)

- a) Chap -12 Explain the various criteria used for evaluation of the ERP packages. 6
- b) Chap -18 What do you mean by Information Security Policy. Explain the salient features of Information security Policy. 8
- c) Chap -8 Suggest suitable guidelines to be followed for efficient form design. 6

5)

- a) a) chap-7 - Prototyping as a process model will be inappropriate and hence inadvisable for the following reasons :
- [i] Prototyping requires user involvement. Here the users are the consumers of the product who are diffused and may not be inclined to join in.
 - [ii] When we try to test the product with the involvement of customers, confidential or critical information might be leaked to the competitors on our line of thinking. The element of surprise and also the opportunity to capture the market will be lost.
 - [iii] Prototyping requires significant time for experimenting. Since the product is meant for the intensely competitive entertainment market, the project may not have that much time to experiment , the competitor may capture the market by entering in advance. 6
- b) chap-10 What is the purpose of system evaluation? How it is performed? 6
- c) chap -19 What do you understand by the term "CASE" tools? Briefly describe various CASE tools. 8

😊 GOOD LUCK 😊