

MAY 2007 : MANAGEMENT INFORMATION & CONTROL SYSTEMS

Question 1 **(5 Marks each)**

- (a) Briefly describe the techniques used to preserve audit trails in a computer based information system.
- (b) Briefly outline the contents of Information Security Policy.
- (c) What are CASE tools? Discuss briefly its three categories.
- (d) Various software packages serve as aids in analysis of program logic. Explain briefly.

Question 2 **(10 Marks each)**

- (a) State and briefly explain the various stages of developing an in-house program
- (b) How will you establish and implement Critical Success Factors (CSFs) and Key Performance Indicators (KPIs) in an organization for achieving the benefits of implementation of ERP?

Question 3 **(10 Marks each)**

- (a) What is Share Accounting System? Describe briefly the input, outputs and processing steps involved in this system.
- (b) "Decision support systems are widely used as part of an Organisation's Accounting Information System". Give examples to support this statement.

Question 4

- (a) What is system manual? What information is included in it? **(10 Marks)**
- (b) What are five control objectives of an Operating System? **(10 Marks)**
- (c) What Steps can be taken to detect computer fraud? **(5 Marks)**

Question 5

- (a) What is prototyping approaches to systems development? Describe its advantages and disadvantages also **(10 Marks)**
- (b) Describe some of the powers of controller u/s89 to make regulations consistent with Information Technology Act, 2000. **(5 Marks)**
- (c) What is Transaction processing cycle? Discuss briefly four common cycles of a business activity. **(5 Marks)**

Question 6

- (a) Describe various steps that should be taken for successful installation of the equipment during the implementation phase. 1 **(10 Marks)**
- (b) What are control techniques that are essential for the security of the client/server environment? **(5 Marks)**
- (c) Differentiate between open and closed systems. **(5 Marks)**

Question 7

- (a) Data dictionary
 - (b) System Maintenance
 - (c) Holistic Protection
 - (d) Snapshot Technique
- (20 Marks)**