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

(20 Marks)

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