

PAPER 6: MANAGEMENT INFORMATION AND CONTROL SYSTEM

Question No.1 is compulsory.

Answer any four questions from remaining six questions

Question 1:

(5 Marks each)

- (a) While performing an IS audit, the auditors should ascertain that various objectives are properly met. Briefly describe them.
- (b) What are the duties of certifying authorities in respect of digital signature?
- (c) Discuss any five benefits which are attained by implementing a computerized model for making decision.
- (d) Briefly explain the various fact finding techniques which are used by the system analyst for determining the needs of an organization.

Question 2:

- (a) What is "Information Security"? Why is it important in any organization? Explain briefly. (10 Marks)
- (b) System analysts develop various categories of information system to meet a variety of business needs. Discuss any three such systems briefly. (10 Marks)

Question 3:

- (a) Explain with the help of a diagram the various tools which are included in a testing workbench. (10 Marks)
- (b) What do you understand by Material inventory Control system? Draw the information flow diagram for designing computerized material inventory control system. (10 Marks)

Question 4:

- (a) Explain briefly various activities that should be completed for successful conversion of an existing system to the new information system. (10 Marks)
- (b) Discuss the various activities which are part of the system development cycle. (5 Marks)
- (c) State the standards that should be followed while designing graphical output. (5 Marks)

Question 5:

- (a) Briefly discuss any five program design tools. (10 Marks)
- (b) State and explain the four back up and recovery features necessary in a DBMS. (5 Marks)
- (c) Briefly explain five categories of Computer frauds based on the data processing model. (5 Marks)

Question 6:

- (a) What is Enterprise Resource Planning? Briefly describe its benefits. (10 Marks)
- (b) State the steps involved in selection of a Computer system. (5 Marks)
- (c) Briefly explain the principles to guide the design of measures and indicators to be Included in EIS. (5 Marks)

Question 7: Write short notes on the following:

(4 ×5=20 Marks)

- (a) Objectives of Information Technology Act, 2000.
- (b) Review areas of an IS Auditor.
- (c) Process Integration.
- (d) End user development approach in system development.