

May 2008 : Management Information and Control System

1. (a) Discuss various factors that render manual audit method ineffective in Information System Audit. **(5 Marks)**
(b) Briefly explain the components of an analysis and design work bench. **(5 Marks)**
(c) Briefly discuss any five database control features. **(5 Marks)**
(d) Discuss briefly the powers of Central Government U/s.87 to make rules in respect of Information Technology Act, 2000 **(5 Marks)**

2. (a) What is work-in-process control system? Describe briefly the system interfaces, files and inputs, and reports involved in this system. **(10 Marks)**
(b) Describe the main pre-requisites of MIS which makes it an effective tool. Explain the major constraints in operating it. **(10 Marks)**

3. (a) Discuss in detail, how the investigation of present system is conducted by the system analyst. **(10 Marks)**
(b) Briefly explain various kinds of controls that can be incorporated in the system to make frauds difficult to perpetrate. **(10 Marks)**

4. (a) Briefly explain the characteristics and features of an Enterprise Resources Planning. **(5 Marks)**
(b) Briefly discuss four basic components of Decision Support System. **(5 Marks)**
(c) Define the following computer fraud and abuse technique: **(2×5=10 Marks)**
 - (i) War dialing
 - (ii) Scavenging
 - (iii) Cracking
 - (iv) Internet terrorism
 - (v) Masquerading.

5. (a) Discuss various issues that should be considered while designing system input **(5 Marks)**
(b) Briefly explain the risks associated with client / server model. **(5 Marks)**
(c) "Personnel information system deals with flow of information relating to people"-Explain **(5 Marks)**
(d) Briefly describe various steps involved in system testing. **(5 Marks)**

6. (a) Briefly explain the best approach to implement information security policy? **(5 Marks)**
(b) What is the purpose of the system evaluation? How is it performed? **(5 Marks)**
(c) Discuss, how a controlled source program library environment can help to deter unauthorized changes to program. **(5 Marks)**
(d) Briefly explain the role of Information Security Administrator. **(5 Marks)**

7. Write short notes on the following: **(4×5 = 20 Marks)**
 - (a) Closed and open systems
 - (b) Programmed decisions
 - (c) Program documentation
 - (d) Firewalls.