

**PAPER 6: MANAGEMTN INFORMATION AND CONTROL SYSTEMS**  
**MAY 2004**

Question No.1 is compulsory

Answer any four from the remaining six questions. All question carry equal marks.

**Question 1**

- (a) What are the powers of the Central Government to make rules, as given in Section 87, Chapter XIII of Information Technology Act, 2000? **(10 Marks)**
- (b) Briefly discuss the frame work on which the auditor should work for the audit of Computer Security. **(10 Marks)**

**Question 2**

- (a) What is a system development Life-cycle? **(2 Marks)**
- (b) Discuss the four steps of the prototyping approach in system development **(8 Marks)**
- (c) Explain three broad categories of the planning information requirements of executives. **(10 Marks)**

**Question 3**

- (a) What are the six important factors which should be considered while designing the user outputs? **(10 Marks)**
- (b) Describe any five program design tools. **(10 Marks)**

**Question 4**

- (a) Discuss the activities dealing with system development controls in EDP set up. **(10 Marks)**
- (b) What type of errors can corrupt a data code? **(5Marks)**
- (c) What are the computer frauds committed through input? **(5Marks)**

**Question 5**

- (a) "The Personnel information system is the backbone of any organization" **(2 Marks)**
- (b) Discuss various sub-systems of PIS, which are responsible to increase its operational efficiency. **(6 Marks)**
- (c) What is client-server technology? Enumerate any six of its benefits. **(3 + 9 Marks)**

**Question 6**

- (a) Explain in brief information security and its importance **(10 Marks)**
- (b) Explain the significance of ratio analysis generally carried out for financial analysis. **(6 Marks)**
- (c) Explain briefly the Profitability ratio **(4Marks)**

**Question 7**

Write short notes on any **four** of the following:

**(4×5=20 Marks)**

- (a) Internet frauds
- (b) Integrated test facility
- (c) Firewalls
- (d) Expert systems.