Roll No. ....

Total No. of Questions—7]

[Total No. of Printed Pages—2

Time Allowed—3 Hours

Maximum Marks—100

JCT

Answers to questions are to be given only in English except in the case of candidates who have opted for Hindi medium. If a candidate who has not opted for Hindi medium, answers in Hindi, his answers in Hindi will not be valued.

Question No. **1** is compulsory.

Answer any **four** questions from the remaining **six** questions.

Marks

1. (a) Explain the three tests that can be used to detect unauthorised or erroneous program changes. 5

   (b) State the objectives on which an Information system auditor should focus. 5

   (c) What is a computer fraud and what type of activities does it include ? 5

   (d) Briefly explain the four common cycles of business activity along with listing some of the application systems for each cycle. 5

2. (a) State and briefly explain the major categories and the items included therein to estimate the information system costs. 8

   (b) Why organisations fail to achieve their system development objectives ? 8

   (c) What is an Audit risk ? Distinguish between errors and irregularities. Which do you think concern auditors the most ? 4

3. (a) List and describe the contents of a system manual. 8

   (b) The Software industry continues to undergo constant changes; users need to be aware of recent trends and issues to be effective in their business and personal life. Explain. 8

   (c) Draw schematic chart of general form of business applications. 4

Marks

4. (a) State the inputs, processing and the outputs of a "Share accounting system". 8

(b) State the steps to be taken to reduce the threat from destructive programs. 8

(c) List the main threats from hacking. 4

5. (a) Consider the problem of long delays between receipts of orders and delivery in a company. Give the six steps in the system approach to find the solution for the above problem. 8

(b) Define top level management. What is the main responsibility of top management ? Give the information requirement at top level for making decisions. 8

(c) What is a programmed and a non-programmed decision ? Distinguish the difference between the two through an example. 4

6. (a) List the items of information provided by cash management of Treasury module of SAP. 8

(b) Discuss the factors to be considered for validation of a vendor's proposal. 8

(c) List the fears that are expected to arise among employees of an organisation during implementation of ERP. 4

7. (a) List and explain the Software packages that are helpful in analysis of program logic. 5

(b) State the entities to which the Information Technology Act, 2000 does not apply. 5

(c) State the methods through which awareness of employees towards security policy can be increased. 5

(d) Discuss the advantages of pre-written application Software packages. 5