

Roll No. ....13995.....

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

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**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

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