Roll No...............................

Total No. of Questions—5]                                    [Total No. of Printed Pages—2

Time Allowed—3 Hours                                              Maximum Marks—100

## UFO

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, his answers in Hindi will not be valued.

Answer **all** the five questions.

Marks

1. (a) What are the different categories of Information systems ? Explain each one of them briefly.                                                    10

   (b) What are the duties of certifying authorities in respect of digital signature ?      5

   (c) While performing an I.S. Audit, the auditors should ascertain that various I.S. Audit objectives are met. Discuss them briefly.                      5

2. (a) Discuss various constraints that come in the way of operating an effective MIS. How are these constraints could be avoided to some extent ?          10

   (b) State and briefly explain the components of a CASE work bench.          5

   (c) Describe any two inter-related sub-systems of Marketing information system.    5

3. (a) Explain the process of evaluation of various ERP packages.              10

   (b) Briefly explain the various stages of developing an in-house software.      5

   (c) Discuss the measures that can significantly decrease the potential for Computer frauds.                                                            5

UFO

Marks

4. (a) Describe various components of client/server architecture.      10

   (b) Discuss any three control objectives of an operating system.      5

   (c) Briefly state the role of a Security administrator.      5

5. Write short notes on the following :      4×5=20

   (a) Advantages of prewritten application software packages

   (b) Contents of system manual of Systems Design

   (c) Data Dictionary

   (d) Training for (i) system operators and (ii) users.