

Roll No.

Total No. of Questions—5]

Time Allowed—3 Hours

(Total No. of Printed Pages—2

Maximum Marks—100

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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

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| 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 : | 4x5=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. | |

En. M. A. G. O. / N. I. / I.