CERTIFICATE IN INFORMATION TECHNOLOGY (CIT)

01262

Term-End Examination

June, 2010

CIT-002 : INTRODUCTION TO INFORMATION TECHNOLOGY

Time : 2 hours   *Maximum Marks : 50*

(Weightage : 75%)

Note :   *There are two Sections, A and B in this paper. All questions in Section - A are compulsory. Answer any 3 out of 4 questions in Section - B.*

SECTION - A

Questions no. 1 to 10 carry 1 mark each. They are "fill in the blank" pattern questions. Write your answers in the answer sheet. Questions no. 11 and 12 carry 5 marks each.

1. _____ is an extrapolative and non-deterministic, non-probabilistic process.

2. LAN stands for _____ .

3. _____ information is the information regarding the sender, recipient, and other information associated with the transmission of the information, but not regarding the content of the information.

4. EDI stands for _____ .

5. _____ is part of cyberspace where users can take on an identity in the form of an avatar and interact with one another.

6. _____ refers to a system of people, data records and activities that process the data and information in an organisation, and it includes the organization's manual and automated processes.

7. _____ is the course of action that measures present performance and guides it towards some pre-determined goal.

8. AGMARKNET stands for _____ .

9. An _____ is a system software that manages all the other programs and devices in an embedded system.

10. Virtualization allows the user to see the infrastructure of a network through the process of _____ .

11. Explain any 5 technical challenges faced by Computer Vision.   5

12. Give any 5 reasons for existence of Digital Divide.   5

SECTION - B

Answer **any** 3 of the following 4 questions. Each question carries **10** marks.

1. Write a short note on the following : **10**

   (a) E-Administration

   (b) E-Services

   (c) E-Governance

   (d) E-Democracy

2. Explain any 5 limitations of MIS. **10**

3. Draw the block diagram of an Embedded system. **10** Also, explain its characteristics.

4. Write any 5 differences between "Data" and **10** "Information".

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