CERTIFICATE IN INFORMATION TECHNOLOGY (CIT)

00260

Term-End Examination

December, 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 three from Section - B.

SECTION - A

State True or False (Question no. 1 to 10).   **10**

1.   Data represents facts or conclusion that have meaning within a context.

True/False

2.   Tactical information usually relates to the middle level management in an organisation.

True/False

3.   CD-RW disks are rewritable and can be erased and re-recorded upon over and over again.

True/False

4. Portal is a website with huge amount of information on a general topic.

True/False

5. One of the drawbacks of e-commerce is that the users are limited by existing H/W systems.

True/False

6. Proof is needed that the message was indeed received, is called Non-repudiation.

True/False

7. The purpose of staffing function of management is to control the behaviour of all personnel to accomplish the organization's mission.

True/False

8. An order-entry program is an example of a transaction processing system.

True/False

9. Actuators collect data from environments through input devices.

True/False

10. Microcontroller monitors and controls the environment.

True/False

11. What is software maintenance ? How do you 5
    classify it ? How is one software maintenance
    mechanism different from another ? Explain.

12. How do you classify an embedded system ? What 5
    are the characteristics of embedded operating
    System ? Explain.

SECTION - B

13. (a) What are measures to bridge the digital divide ? Discuss. **5**

    (b) Define MIS. Why do you require it ? Give some examples of MIS. **5**

14. (a) What are different methods of systems of payments over the WEB ? Explain. **5**

    (b) Explain the following terms : **5**

    (i) Real time OS.

    (ii) Multitasking OS.

    (iii) Monolithic OS.

    (iv) Interrupt response time.

15. What are the functions of management ? Explain. **10**

16. (a) What are the different types of e-commerce models ? Discuss it with appropriate examples. **5**

    (b) List any five information effectiveness parameters and explain. **5**