CIT-002

CERTIFICATE IN INFORMATION TECHNOLOGY (CIT)
Term-End Examination

01026

June, 2016

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** out of four questions in Section B.*

SECTION A

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

1.   ICT stands for _____ .   *1*

2.   EFT stands for _____ .   *1*

3.   _____ is a type of camera that stores the pictures or videos it takes in electronic format instead of on a film.   *1*

4. _____ disks are rewritable and can be erased and re-recorded upon over and over again. *1*

5. _____ is a website with large amount of information on a general topic. *1*

6. Cyberspace is a term coined by science fiction author _____ . *1*

7. _____ refers to the gap between those who have access to ICT and those who don't. The divide is not a unitary concept but a multidimensional problem. *1*

8. SSL stands for _____ . *1*

9. _____ includes the use of a variety of media and techniques for learning, including text, sound, graphics, photographs/images, animation, simulation, games, video, etc. *1*

10. LAN stands for _____ . *1*

11. Compare VHDL and Verilog. *5*

12. Draw the block diagram of an embedded system. *5*

SECTION B

13. (a) What is a firewall ? What are its benefits ? *5*

    (b) Explain the perspectives of Human Computer Interface. *5*

14. (a) What is E-learning ? What are its benefits ? Explain any two technologies used for E-learning. *5*

    (b) What is computer vision ? Explain any two applications of computer vision. *5*

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

    (b) What are the different methods available for making payments using the Internet ? Briefly explain them. *5*

16. (a) Define the terms "Data" and "Information". Explain the differences between them. *5*

    (b) Write a short note on MIS. *5*

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