

**CERTIFICATE IN INFORMATION
TECHNOLOGY (CIT)**

Term-End Examination

June, 2015

00863

**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. Knowledge is a deterministic process, while _____ is an extrapolative and non-deterministic, non-probabilistic process. 1

2. _____ space is to describe the whole range of information services available through computer networks. 1

3. In e-commerce, C2C stands for _____ . 1
4. _____ is a convenient and affordable way to sell products or services online. 1
5. _____ is the use of IT to improve the ability of government to address the needs of the society. 1
6. The standard specification for metadata to define attributes of various resources in education and training is _____ . 1
7. _____ expert medical system diagnoses the results of pulmonary function tests. 1
8. _____ maintenance of the Information systems means repairing, processing or performance failures or making changes because of previously uncorrected problems or false assumptions. 1
9. MIS stands for _____ . 1
10. VHDL stands for _____ . 1
11. Discuss the characteristics of Real time operating system for embedded system applications. 5
12. What are Voice User Interfaces ? Explain its three main elements. 5

SECTION B

Answer any **three** from the following four questions.
Each question carries 10 marks.

13. List the applications of computer vision in Medical Systems, Military and Automobiles. 10
 14. List and briefly describe the various types of Information Systems. 10
 15. Describe the harmful effects of Digital Divide. 10
 16. With the help of any two expert systems, explain the role of knowledge-based and expert systems in medicine. 10
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