

**CERTIFICATE IN INFORMATION
TECHNOLOGY (CIT)****Term-End Examination****December, 2015****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. TCP stands for _____ . 1
2. RTOS stands for _____ . 1
3. _____ disks are Read Only Media. 1

4. _____ gives support to the knowledge workers in the creation and integration of new knowledge in the organization. 1
5. EDI stands for _____. 1
6. _____ is the use of IT to improve the ability of the government to address the needs of the society. 1
7. UNDP stands for _____. 1
8. In B2C, C stands for _____. 1
9. _____ is the interpretation of data. 1
10. ERNET stands for _____. 1
11. Explain the various types of maintenance of information systems. 5
12. List any five reasons for Digital Divide. 5

SECTION B

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

13. List any two applications for each of the embedded systems in the following categories : $5 \times 2 = 10$
- (a) Aerospace
 - (b) Home
 - (c) Automotive
 - (d) Industrial
 - (e) Office Automation
14. Explain the following in context to computer security : 10
- (a) Digital Signature and Certificate
 - (b) Secure Socket Layer (SSL)
 - (c) Firewalls
 - (d) Authentication
15. (a) What is Software Maintenance ? What is its significance ? 5
- (b) What is Computer Vision ? Explain any two applications of computer vision. 5
16. (a) Explain the security threats posed by electronic payment systems. 5
- (b) What are the advantages and disadvantages of e-commerce ? 5