

**CERTIFICATE IN INFORMATION
TECHNOLOGY (CIT)**

Term-End Examination

December, 2017

**CIT-002 : INTRODUCTION TO INFORMATION
TECHNOLOGY**

00070

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 the four questions in Section B.*

SECTION A

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

1. Data processing is any computer process that converts data into _____ .
2. _____ is primarily the divide between those who have access to ICT and those who do not.
3. _____ space is the total interconnection of human beings through networked computers and telecommunications without any regard to physical geography.

4. The full form of EDI is _____ .
5. EFT stands for _____ .
6. _____ are the examples of Certification Authorities (CA) of digital documents.
7. SSL stands for _____ .
8. Image processing is an example of computer _____ .
9. Kerberos is a computer network _____ protocol.
10. B2B stands for _____ e-commerce. *10×1=10*
11. List and explain the measures that need to be taken to bridge digital divide using ICT. *5*
12. What are knowledge-based systems ? Explain their components. With reference to medicine domain, list and describe any two expert systems. *5*

SECTION B

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

13. (a) List and explain Internet Banking Services provided by banks to its customers. 5
- (b) What is the full form of ERNET ? List and explain any two ongoing projects of ERNET group. 5
14. Explain the core subsystems of Management Information System (MIS). 10
15. (a) Define Computer Vision. Explain its goals and list the technical challenges related to it. 5
- (b) With the help of a block diagram, explain the characteristics of an embedded system. 5
16. (a) Based on the receiver and user of the information, explain the following types of information : $2 \times 2 \frac{1}{2} = 5$
- (i) Strategic Information
- (ii) Operational Information
- (b) Explain the difference between verifying, identity and revealing identity with respect to "digital identity". 5
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