

**CERTIFICATE IN INFORMATION
TECHNOLOGY (CIT)**

Term-End Examination

June, 2019

02442

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

Time : 2 hours

Maximum Marks : 50

(Weightage : 75%)

Note : *There are two sections in this paper, Section A and Section B. All the questions from Section A are compulsory. Attempt any three questions from 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.

10×1=10

1. ELT stands for _____.
2. _____ is a convenient and affordable way to sell products or services online.
3. _____ includes the use of variety of media and techniques for learning, including text, sound, graphics, photos, animation, simulations, games, video, email, discussion forum, etc.

4. _____ deals with the acquisition of data from patients, processing and storing in systems and transformation of that data into information.
5. _____ is the process of converting voice dictation into a permanent written record utilizing word processing software using computers.
6. VHDL and VERILOG are the examples of hardware description languages used in _____ systems.
7. Optical scanner, webcam and keyboard are _____ devices.
8. CLI stands for _____ interface.
9. Monitor, printer and projector are _____ devices.
10. VUI stands for _____, and uses speech technology to provide people with access to information and to allow them to perform transactions.
11. With the help of a block diagram, explain the features and characteristics of an Embedded system. 5
12. Explain any five controls/elements (software) of Graphical User Interface (GUI). 5

SECTION B

Answer any *three* from the following :

13. (a) Compare and contrast hypertext and hypermedia. 5
- (b) List the goals of computer vision. Also, mention any three technical challenges for constructing an intelligent system with the help of computer vision. 5
14. (a) Describe any five measures to bridge the digital divide. 5
- (b) List any five measures to be taken to prevent cyber-crimes. 5
15. (a) Describe the system of payments for e-Commerce. 5
- (b) Briefly explain the terms : 5
- (i) e-Administration
- (ii) e-Democracy
16. (a) Explain the role and significance of ICT in healthcare system. 5
- (b) Describe the features of e-Learning system. 5