

**CERTIFICATE IN INFORMATION
TECHNOLOGY (CIT)**

Term-End Examination

June, 2026

**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
in Section A are compulsory. Answer any
three questions from Section B.*

Section-A

Note : Question Nos. 1 to 10 carry 1 mark each.
They are ‘fill in the blanks’ type
questions. Write the answers of these
questions in your answer sheet. Question
No. 11 and 12 are of 5 marks each.

1. The value of information with elapsed time.
2. The storage device that provides quick access to data is
3. A person having good IT knowledge has better chances of employment. This phenomenon is referred to as
4. In this form of e-commerce, consumers trades with other consumers. The statement above is referring to type of e-commerce.
5. The process of converting the voice dictation into a permanent written records using word processing is called
6. Order tracking/payroll/account payable and receivable, etc., are performed as part of processing system.
7. Most of the Government Information Technology projects are implemented by

8. The interface that uses windows system including menus, icons, mouse pointers is called
9. For output of action/command an embedded system use
10. A line which starts at a point and goes off in a particular direction to infinity is called (in the context of computer vision).
11. Differentiate between information and knowledge. How is information created from data ? Explain with the help of an example. 5
12. Explain the use of following controls used in an user interface : 5
 - (i) Menu
 - (ii) Push button
 - (iii) Radio button
 - (iv) Check box
 - (v) Slider

Section-B

Note : Attempt any **three** questions from Q. Nos. 13 to 16.

13. (a) What is Information and Communication Technology (ICT). Explain any two technologies of ICT. 5
- (b) What is cyberspace ? Explain the concept of Message Integrity and Non-repudiation with the help of an example of each. 5
14. (a) Define the following terms in the context of e-commerce system : 4
- (i) Privacy
 - (ii) Authentication
 - (iii) B2C
 - (iv) Electronic wallet
- (b) Explain the role of the following in the context of e-Learning : 6
- (i) Media creation tools for Graphics and Images
 - (ii) Any one Asynchronous tool for e-Learning
 - (iii) Any one synchronous tool for e-Learning

15. (a) Explain the features of the following components of Management Information System : 6
- (i) Inventory and Material Management
 - (ii) Finance and Accounting
 - (iii) Manufacturing and logistics
- (b) List the features of the following IT projects : 4
- (i) AGMARKNET
 - (ii) ERNET
16. (a) What are the components of an embedded system ? Explain with the help of block diagram. 5
- (b) Define the following terms in the context of computer vision : 5
- (i) Pixel
 - (ii) Photogrammetry
 - (iii) Face detection
 - (iv) Occlusion
 - (v) Illumination

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