CERTIFICATE IN INFORMATION TECHNOLOGY (CIT)
Term-End Examination
June, 2025

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. Data processing converts data into ……….. .

2. ………. is a phenomenon wherein those who have access to ICT are benefitted by the use of it over those who do not have access to ICT.

3. Website like e-Bay where a person can auction his/her product is an example …….. e-Commerce model.

4. E-learning is ………… (linear/non-linear) which means that a learner can determine what and when they access information.

5. Medical ……… process converts voice based medical dictation into a document in a word processor.

6. Software ………. (coding/maintenance) is the process of changing the delivered software product. The change may be required due to several reasons.

7. An order entry program is an example of ……… system.

8. ……….. is one of the two most common hardware description languages used by integrated circuit designers.

9. A ……. is a hardware peripheral that allows computer users to input audio into a computer,

10. A remotely piloted aircraft is called ……….. .

11. Differentiate between data and information. Also explain the terms quality and value of information.

12. Explain the features of a transaction processing system and an office automation system.

Section–B

13. (a) Explain the features of any *two* secondary storage devices that are used for storing information.   4

(b) Explain the following in the context of digital identity :   6

(i) Authentication

(ii) Message integrity

(iii) Non-repudiation

14. (a) List any *six* advantages and any *four* limitations of e-Commerce. 5

    (b) Explain the following technologies that are used for e-Learning : 5

        (i) Electronic mail as an interactive tool of e-Learning

        (ii) Any *one* media creation tool for e-Learning

15. Explain the following components of an MIS : 4×5=10

    (a) Inventory and Material Management

    (b) Finance and Accounting

    (c) Manufacturing and Logistics

    (d) Purchasing

16. (a) What is an embedded system ? What are its components ? Explain with the help of a diagram. 4

    (b) Explain the following terms in the context of Human Computer Interface (HCI) : 6

        (i) Menus and Push buttons

        (ii) Hypertext

        (iii) Voice user interfaces

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