

**CERTIFICATE IN INFORMATION
TECHNOLOGY (CIT)**

Term-End Examination

December, 2024

**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** questions out of four in Section B.*

Section—A

Note : *Question Nos. 1 to 10 carry 1 mark each. These are Multiple Choice Questions with one correct answer. Write answers on your answer sheet. Question Nos. 11 and 12 carry 5 marks each.*

1. To send the information safely on TCP/IP, we use :

(a) Firewall

- (b) Antivirus
 - (c) DLL
 - (d) SSL
2. A remotely piloted aircraft (which uses the potential of computer vision technology) is known as
- (a) Unmanned Aerial Vehicle
 - (b) UFO
 - (c) Satellite
 - (d) Helicopter
3. The standard specification for Web Based Tutoring (WBT) contents which enable materials to run on different LMS and to use sharable objects in different course structures is
- (a) LOM
 - (b) SCORM
 - (c) QTI
 - (d) LIP

4. The field that deals with the techniques to create images of the human body for medical purpose is called
- (a) Tomography
 - (b) Photography
 - (c) e-Medicine
 - (d) Medical Imaging
5. EDUSAT was launched by
- (a) Kennedy Space Centre
 - (b) ISRO
 - (c) L. P. Odyssey Centre
 - (d) Baikonur Cosmodrome
6. The use of computers to assist the design process like architectural, electronics and engineering is called
- (a) Computer Aided Design
 - (b) CAM
 - (c) Desktop publishing

- (d) Presentation Software
7. in digital imaging, the smallest unit/item of information of an image is known as
- (a) PIXEL
 - (b) Ray
 - (c) Focal point
 - (d) Point
8. AMAZON, FLIPKART and MYNTRA are the examples of commerce model.
- (a) B2B
 - (b) C2C
 - (c) B2C
 - (d) C2B
9. To prevent unauthorized access in to or out of a computer network, is used.
- (a) Firewall
 - (b) Set-card
 - (c) Message token
 - (d) Public key certificate
10. The process or technique to complete and incomplete image of an object is :

- (a) Illumination
 - (b) Image restoration
 - (c) Occlusion
 - (d) Viewpoint variation
11. Write short notes on the following : $2 \times 2\frac{1}{2} = 5$
- (a) Digital Divide
 - (b) Embedded System
12. Explain any *five* controls/elements of a GUI (Graphical User Interface) on any input form. 5

Section—B

Note : Answer any *three* questions.

13. (a) List any *five* measures to be taken to prevent cyber crimes. 5
- (b) Describe the payment system for any e-Commerce portal. 5
14. (a) Write short notes on the following : $2 \times 2\frac{1}{2} = 5$
- (i) e-Governance
 - (ii) e-Learning

- (b) Explain the role and significance of ICT in Healthcare Systems. 5
15. (a) What is Human Computer Interface (HCI) ? Explain its perspectives. 5
- (b) Explain the importance of “Design” phase in the development process of an information system. 5
16. (a) What is digital identity ? Mention the functions of digital identity system. 5
- (b) Briefly explain the following : $2\frac{1}{2} \times 2 = 5$
- (i) Cyberspace
- (ii) Medical transcription

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