

No. of Printed Pages : 5

CIT-002

**CERTIFICATE IN INFORMATION
TECHNOLOGY (CIT)**

Term-End Examination

December, 2023

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

Time : 2 Hours

Maximum Marks : 50

Weightage : 75%

Note : (i) *There are two Sections—A and B in this paper.*

(ii) *All questions in Section A are compulsory.*

(iii) *Answer any **three** out of the four questions in Section B.*

Section—A

Question nos. **1** to **10** carry 1 mark each. They are multiple choice questions with one correct answer. Write your answers in the answer sheet. Question nos. **11** and **12** carry 5 marks each.

P. T. O.

1. A remotely piloted aircraft (which uses the potential of computer vision) is called as :
 - (a) UFO
 - (b) Satellite
 - (c) Drone
 - (d) Unmanned Aerial Vehicle

2. SETU, online complaint management systems are the e-governance projects of state.
 - (a) Madhya Pradesh
 - (b) Maharashtra
 - (c) Tamil Nadu
 - (d) Kerala

3. has implemented government projects at district, state and national level.
 - (a) Ministry of Public Health
 - (b) NIC
 - (c) Ministry of Textiles
 - (d) Ministry of Labour

4. The field that deals with the techniques to create images of the human body for medical purposes is
 - (a) Tomography
 - (b) e-Medicine
 - (c) Computer Vision
 - (d) Medical Imaging

5. The standard specification for Web-Based Tutoring (WBT) contents which enable materials to run on different LMS and to use sharable content objects in different course structures in :
- (a) LOM
 - (b) QTI
 - (c) SCORM
 - (d) LIP
6. Internal sources of information for an organisation includes :
- (a) Newspapers
 - (b) Media
 - (c) News Agencies
 - (d) Functional or departmental data processing activities of that organisation
7. The use of computers to assist the design process like architectural, engineering and electronics is called
- (a) CAD
 - (b) CAM
 - (c) DTP
 - (d) Presentation software

8. Embedded devices will have :
- (a) Hardware components only
 - (b) Software only
 - (c) Both Hardware and Software
 - (d) Firmware
9. Amazon.In comes under category of e-Commerce.
- (a) B2B
 - (b) B2C
 - (c) C2B
 - (d) C2C
10. In digital imaging, the smallest unit/item of information in an image is called as
- (a) Pixel
 - (b) Ray
 - (c) Point
 - (d) Focal Point
11. Write short notes on the following :
- (a) Digital Identity
 - (b) e-Learning
12. Define a Management Information System (MIS) and describe its important components.

Section—B

Answer any *three* from the following four questions (Q. Nos. 13 to 16). Each question carries 10 marks.

13. Explain the following IT projects of India :
 - (a) Court Information System
 - (b) Land Records Information System (LRIS)
14. Define computer vision. Mention its advantages. Also, give *two* use-cases of computer vision.
15. With the help of a diagram, explain an embedded-system for a home appliance.
16. Write short notes on any *two* of the following :
 - (a) Role of ICT in healthcare
 - (b) Role of ICT in e-Commerce
 - (c) Role of ICT in e-Governance