

**CERTIFICATE IN INFORMATION  
TECHNOLOGY (CIT)**

**Term-End Examination**

02915

**June, 2018**

**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** out of the four questions in 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. CAD stands for \_\_\_\_\_ .
2. QuarkXpress and Adobe InDesign fall under \_\_\_\_\_ packages.
3. The process that removes noise (sensor noise, motion blur, etc.) from images by using various types of filters is known as \_\_\_\_\_ .

4. \_\_\_\_\_ means to complete an incomplete image of an object. (Hint : Whenever we get an image with the top half of the person, we complete the image using this process).
5. \_\_\_\_\_ output devices are used to print/produce graphs or diagrams (large in size).
6. \_\_\_\_\_ systems are devices which are used to control, monitor or assist the operation of an equipment, machinery or a plant.
7. VxWorks, OS-9, RTLinux are examples of \_\_\_\_\_ operating systems.
8. UAV stands for \_\_\_\_\_ which are remotely piloted aircrafts whose major function is remote sensing.
9. The extension of hypertext that supports linking graphics, sound and video elements in addition to text is called as \_\_\_\_\_ media.
10. ICT stands for \_\_\_\_\_ .
11. Define an embedded system. Mention the requirements and specifications of an embedded system. 5
12. List and explain the use of any two asynchronous tools of e-learning. 5

## SECTION B

Answer any **three** from the following four questions.  
Each questions carries 10 marks.

13. (a) List any two payment methods in e-commerce and explain each of them. 5
- (b) Write briefly about the following types of e-commerce and give an example for each : 5
- (i) Business to Consumer
- (ii) Consumer to Consumer
14. (a) Explain the role of ICT in health care with relevant examples. 5
- (b) Write briefly about telemedicine and remote consultation. 5
15. (a) What is digital identity ? Mention the functions of digital identity system. 5
- (b) Explain the following sources of information of an organisation : 5
- (i) External
- (ii) Internal
16. Write short notes on any **two** of the following :  $2 \times 5 = 10$
- (a) Cyberspace
- (b) Medical Transcription
- (c) E-Governance