

CCA-01/DIT-01

Introduction to Information Technology

Certificate in Computer Application

(CCA-11/16)

First Semester, Examination, 2017

Time : 3 Hours

Max. Marks : 40/80 for DIT

Note : This paper is of **forty (40)** marks containing **three (03)** Sections A, B and C. Learners are required to attempt the questions contained in these Sections according to the detailed instructions given therein.

Section-A

(Long Answer Type Questions)

Note : Section 'A' contains four (04) long answer type questions of nine and half ($9\frac{1}{2}$) marks each. Learners are required to answer two (02) questions only.

1. Briefly describe the evolution of the computer (generation of computer).
2. What is the meaning of word Multimedia ? Explain the basic features on which we can categorize that any software is Multimedia software or not.
3. Explain the structure of any *three* network topologies in computer networks with the help of suitable diagram.

4. What are the possible threats to our computer systems ?
When do we use Internet ? How can we protect our computer system from these possible threats ?

Section-B

(Short Answer Type Questions)

Note : Section 'B' contains eight (08) short answer type questions of four (04) marks each. Learners are required to answer *four* (04) questions only.

1. Describe the role and application of computer in e-commerce field.
2. What do you understand by optical storage device ? Explain with an example.
3. Give the basic introduction of RAM and ROM.
4. What is the role of browser in using Internet ? Explain.
5. Explain the role of modem in computer system/network.
6. What is the role of internet in today's world ? Explain in brief.
7. Explain the role of operating system in functioning of computer.
8. What do you understand by World Wide Web ?

Section-C

(Objective Type Questions)

Note : Section 'C' contains ten (10) objective type questions of half ($\frac{1}{2}$) mark each. All the questions of this Section are compulsory.

1. ALU stands for :
(a) Arithmetic Logic Unit

- (b) Application Logic Unit
 - (c) Array Logic Unit
 - (d) None of the above
2. Which of the following is system software ?
- (a) Linux
 - (b) Word
 - (c) Excel
 - (d) Tally
3. The Programs which are as permanent as hardware and stored in ROM is known as :
- (a) Hardware
 - (b) Software
 - (c) Firmware
 - (d) ROMware
4. CD-ROM is a :
- (a) Semiconductor memory
 - (b) Memory register
 - (c) Magnetic memory
 - (d) None of the above
5. Chief component of first generation computer was :
- (a) Transistors
 - (b) Vacuum Tubes and Valves
 - (c) Integrated Circuits
 - (d) None of the above

6. Which of the following is not an input device ?
 - (a) OCR
 - (b) Optical scanners
 - (c) Voice recognition device
 - (d) COM (Computer Output to Microfilm)
7. Which of the following is called low level languages ?
 - (a) Machine language
 - (b) Assembly language
 - (c) Both of the above
 - (d) None of the above
8. Which statement is valid ?
 - (a) 1KB = 1024 bytes
 - (b) 1 MB = 2048 bytes
 - (c) 1 MB = 1000 kilobytes
 - (d) 1 KB = 1000 bytes
9. The Second Generation Computer was based on :
 - (a) Vacuum Tube
 - (b) Silicon Chips
 - (c) Transistor
 - (d) Bio Chips
10. Web cam is an :
 - (a) input unit device
 - (b) output unit device
 - (c) processing device
 - (d) input and output device