

**CCA-01/DIT-01****Introduction to Information Technology**

Certificate in Computer Application (CCA-16/17)

Diploma in Information Technology (DIT-17)

First Semester, Examination, 2018

**Time : 3 Hours****Max. Marks : 40**

**Note :** This paper is of **forty (40)** marks divided into 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 use and application of the computer in today's environment.
2. What do you understand by software ? How system software and application software are different from each other ?
3. What is the role of computer networking in today's environment ? Explain LAN, WAN, and MAN.
4. Briefly describe about any *three* secondary storage devices.

**Section–B****(Short Answer Type Questions)**

**Note :** Section ‘B’ contains eight (08) short answer type questions of four (4) marks each. Learners are required to answer *four* (04) questions only.

1. What is the role of ALU in computer ? Explain in brief.
2. What is the difference between RAM and ROM ?
3. Explain the structure of star topology in networking.
4. What is the role of firewall in computer security ?
5. What do you understand by WWW ?
6. What is the role of multimedia software in today’s software industry ?
7. What is full form of ROM ? Briefly describe about any *three* type of ROM.
8. Briefly explain about any *two* Output device which we use in our computer system.

**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. The brain of any computer system is :
  - (a) ALU
  - (b) CPU
  - (c) Memory
  - (d) Control Unit

2. Which of the following is valid storage type ?
  - (a) CPU
  - (b) Keyboard
  - (c) Pen Drive
  - (d) Track Ball
3. Which of the following is not input device ?
  - (a) Touch Pad
  - (b) Mouse
  - (c) Printer
  - (d) Joystick
4. Which of the following is an operating system ?
  - (a) Linux
  - (b) Word
  - (c) Excel
  - (d) Tally
5. CPU consist of :
  - (a) ALU+CU
  - (b) ROM+ALU
  - (c) RAM+ROM
  - (d) None of these
6. Which of the following is the valid measurement unit of memory ?
  - (a) GB
  - (b) MB
  - (c) KB
  - (d) All of the above

7. Which of the following is not OS ?
  - (a) Android
  - (b) MAC
  - (c) Samsung
  - (d) LINUX
8. DVD is having more storage capacity than CD.
  - (a) True
  - (b) False
9. Mozilla Firefox is \_\_\_\_\_
  - (a) Browser
  - (b) Editor
  - (c) Compiler
  - (d) None of the above
10. GU stands for :
  - (a) Graphical User Interface
  - (b) Graphical Input Unit
  - (c) Graph Under Instruction
  - (d) None of the above