

CCA-01/DIT-01

Introduction to Information Technology

Certificate in Computer Application (CCA-16/17)

Diploma in Information Technology (DIT-17)

First Semester Examination, 2019

Time : 3 Hours

Maximum Marks : 40

Note : This paper is of forty (40) marks divided into three (03) sections A,B and C. 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 any two (02) questions only. $(2 \times 9\frac{1}{2} = 19)$

- 1 What is ISO-OSI reference model? Explain its each layer.
- 2 What is the role of the Computer in our life? Explain in detail about Computer generations?
- 3 What is Software? What is the difference between System Software and Application Software?
- 4 What are the goals and objectives of computer networking? Also describe the advantages and disadvantages of various network topologies.

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. What is the difference Primary Memory and Secondary Memory?
2. Explain the classification of computer?
3. What do you understand by computer network protocol hierarchy? Explain.
4. What do you understand by multimedia computing?
5. What are the roles of I/O ports? Explain.
6. What are the different means of Internet Security? Explain.
7. How will you represent data in computer?
8. What is integrated Software? Explain.

Section –C

(Objective Type Questions)

Note : Section 'C' contains ten (10) objective type questions of half (1/2) mark each. All the questions of this section are compulsory.

1. ROM is a
 - (i) Volatile Memory
 - (ii) Non- Volatile Memory
 - (iii) Both (i) and (ii)
 - (iv) None of Above

2. MS EXCEL is a
 - (i) Language
 - (ii) Operating System
 - (iii) Database
 - (iv) None of Above

3. Windows-XP is a
 - (i) Language
 - (ii) Operating System
 - (iii) Database
 - (iv) None of Above

4. The brain of any computer is
 - (i) ALU
 - (ii) CPU
 - (iii) Control Unit
 - (iv) Memory

5. Which of the following is not a type of computer network
 - (i) MAN
 - (ii) LAN
 - (iii) RAN
 - (iv) WAN

6. When a computer is connected to a network it gets
 - (i) Web Address
 - (ii) Host Address
 - (iii) IP Address
 - (iv) None of the Above

7. MS –WORD is a
- (i) Language
 - (ii) Operating System
 - (iii) Database
 - (iv) None of Above
8. Operating system serves as interface between:
- (i) Hardware & Software
 - (ii) Software & Human
 - (iii) Hardware & Human
 - (iv) Human & Human
9. Which of the following is a multi user operating system:
- (i) MS-Office
 - (ii) Unix
 - (iii) DOS
 - (iv) SQL
10. _____ Is the primary protocol that is used to distributed information on the web:
- (i) FTP
 - (ii) HTTP
 - (iii) MTP
 - (iv) SMTP
