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[Roll No.]

DIT-01/CCA-01

**Diploma/Certificate Course in Computer
Application (DIT/CCA) Ist Semester
Examination Dec., 2023**

**INTRODUCTION TO INFORMATION
TECHNOLOGY**

Time : 2 Hours]

[Max. Marks : 100

Note :- This paper is of Hundred (100) marks divided into two (02) Sections 'A' and 'B'. Attempt the questions contained in these Sections according to the detailed instructions given there in. Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.

Section-A

Long Answer Type Questions 2×26=52

Note :- Section 'A' contains Five (05) Long-answer type questions of Twenty Six (26) marks each. Learners are required to answer any two (02) questions only.

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(1)

P.T.O.

1. What are the components of computers and generations ?
2. Explain different types of memory with example.
3. Explain the system software. Difference between application and system software.
4. Explain the following :
 - (a) ISP
 - (b) Motherboard
 - (c) Buscs
 - (d) I/O Ports
 - (e) Connectors
5. Explain the types of network. What are various types of network topologies ?

Section–B

Short Answer Type Questions 4×12=48

Note :- Section ‘B’ contains Eight (08) Short-answer type questions of Twelve (12) marks each. Learners are required to answer any *four* (04) questions only.

1. Discuss various components of computer.
2. Explain various types of computer memory.

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(2)

3. Explain with example integrated software.
4. Explain the basics of computer networkers.
5. Explain the internet working devices.
6. What is search engine ? Explain.
7. What is firewall ? Explain the types of firewall.
8. Explain the following :
 - (a) Application of computers
 - (b) Viruses
