

**K-1133**

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**DIT-04**

**DIT IInd Semester (PCC)  
Examination Dec., 2023**

**FUNDAMENTALS OF NETWORKING  
AND WEB TECHNOLOGY**

Time : 2 Hours]

[Max. Marks : 100

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*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. Describe LAN, WAN and WAN in detail with example.
2. Explain different switching techniques in details with diagrams
3. Explain the TCP/IP model in details.
4. Explain the concept of HTML. Also discuss Document Structure tags.
5. What is Client Side Programming ? Explain Control Structures in JavaScript.

### **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. Explain Connectionless and Connection-Oriented Services of Computer Networks.
2. Differentiate Broadcast and Point-To-Point networks.
3. Differentiate Web Page and Web Servers.

4. Differentiate Formatting tags; List tags.
5. Explain Working with Form Object.
6. Discuss the Organization of Internet Protocol Suite.
7. Write the applications of XML.
8. Explain different network topologies.

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