

# S-712

Total Pages : 3

Roll No. -----

## MCA-04/DIT-04

**Fundamental of Networking and Web Tech**

**(MCA/PGDCA/MSCIT/DIT)**

1<sup>st</sup>/2<sup>nd</sup> Semester, Examination 2022(Dec.)

Time: 2 Hours

Max. Marks: 70

Note : This paper is of Seventy (70) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein.

### Section – A

(Long Answer – type questions)

Note: Section 'A' contains Five (05) long-answer-type questions of Nineteen (19) marks each. Learners are required to answer any two (02) questions only.

[2 x 19 = 38]

P.T.O.

- Q.1. Explain the different topologies of the network with suitable diagram.
- Q.2. Explain the TCP/IP model in details.
- Q.3. Explain the significance of Switching? What are the different switching techniques used in computer networks? Discuss.
- Q.4. What are the different transmission media explain with diagrams?
- Q.5. Discuss the HTML Tags in details.

### **Section – B**

#### **(Short-answer-type questions)**

Note: Section 'B' contains Eight (08) short-answer-type questions of Eight (08) marks each. Learners are required to answer any Four (04) questions only.

[4 x 8 = 32]

- Q.1. Describe Local Area and Wide Area Network and its Components.
- Q.2. Explain different Modes of Communication.
- Q.3. Compare Server Based LANs and Peer-to-Peer LANs.
- Q.4. Explain Connection-Oriented and Connectionless Services.
- Q.5. What do you mean by Internet Service Providers (ISP)? Also give some example.
- Q.6. Explain Document Structure tags, Formatting tags and List tags in HTML.
- Q.7. JavaScript is referred to as Object based programming language'. Justify with an example.
- Q.8. Write the applications of XML.

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