A-825

DIT-04

Fundamentals of Networking and Web Technology (DIT)

2nd Semester, Examination 2024 (June)

Time: 2:00 hrs   Max. Marks: 100

Note : This paper is of Hundred (100) marks divided into Two (02) Section A and B. Attempt the questions contained in these sections according to the detailed given therein. 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)

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.

[2x26=52]

P.T.O.

Q.1.   Explain the concept of Computer Network. Also discuss different Goals of computer network.

Q.2.   What do you mean by Network Topologies? Explain different network topologies.

Q.3.   With a neat diagram, explain OSI reference model.

Q.4.   What do you mean by Transmission Medium? Explain different transmission medium of computer networks.

Q.5.   Built-in Objects in JavaScript, User Defined Objects in JavaScript.

Section-B (Short-Answer-Type Questions)

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.

[4x12=48]

Q.1.   Differentiate Broadcast and Point-To-Point networks.

Q.2.   Discuss Server Based LANs and Peer-to-Peer LANs.

Q.3.   Explain Internet Service Providers (ISP).

Q.4.   Differentiate Web Browsers, Cookies.

Q.5.   Differentiate Hyperlink and Image tags.

Q.6.   Discuss the Organization of Internet Protocol suite.

Q.7.   What do you mean by IP Address? Also give some example.

Q.8.   Discuss Frame tags; Form tags in HTML.

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