

P-815

Total Pages : 3

Roll No.

MCA-04/DIT-04

Fundamental of Networking and Web Technology

(MCA/PGDCA/MSCIT/DIT)

1st / 2nd Semester Examination, 2023 (June)

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. Candidates should limit their answer 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 Nineteen (19) marks each. Learners are required to answer any Two (02) questions only.

(2×19=38)

1. What are the objectives of computer communication networks? What are the network components? Explain.

2. Explain the different topologies of the network with suitable diagram.
3. With a neat diagram, explain OSI reference model.
4. Explain the TCP/IP model in details.
5. What is the network address in a class A subnet with the IP address of one of the hosts as 25.34.12.56 and mask 255.255.0.0?

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. (4×8=32)

1. Discuss the Organization of Internet Protocol suite.
2. Explain different Modes of Communication.
3. Write the applications of XML.
4. Explain the concept of Cookies.
5. Explain Connection-Oriented and Connectionless Services.

6. What do you mean by IP Address? Also give some example.
 7. Explain Control Structures in JavaScript with suitable example.
 8. Discuss Frame tags; Form tags in HTML.
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