



BHARATI VIDYAPEETH'S

INSTITUTE OF COMPUTER APPLICATIONS & MANAGEMENT (BVICAM)

(Affiliated to Guru Gobind Singh Indraprastha University, Approved by AICTE, New Delhi)

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Course Code: MCA-103

Course Name: Computer Networks

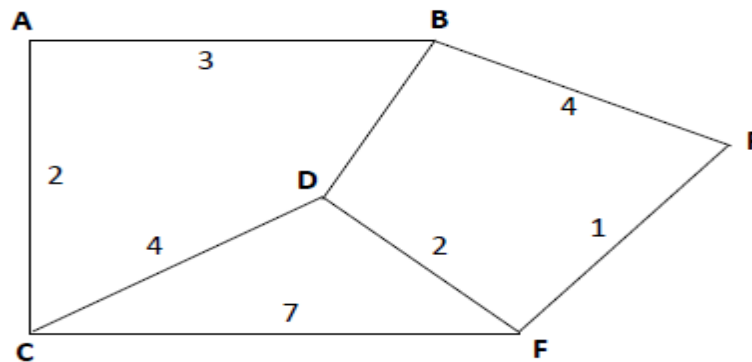
Class Test 2

Time: 1 Hour

Max Marks: 20

Attempt all questions. Each question carries four Marks.

1. Explain IPv4. What are the different fields in the protocols? Explain its use for Network Layer.
2. What are the different techniques to improve Quality of Service?
3. What are the different types of ICMP messages? Explain all messages.
4. What are the main difference between a distance vector routing protocol and a link state routing protocol? For the network, shown in the figure given below, create distance vector table for all the nodes.



5. Difference between Open-Loop and Closed-Loop congestion control.