

St. Mira's College for Girls, Pune
(Autonomous-Affiliated to Savitribai Phule Pune University)
Class-T.Y.B.Sc(C.S)
Subject: Computer Networks-I
Subject Code:BS51703
Semester: V
Year: 2021-22

All Units - focusing on Skill Development, Employability and Entrepreneurship

St. Mira's College for Girls
T.Y.B.Sc(C.S)
Subject: Computer Networks-I Sem-V
Flexi Test:1 Date: 17-08-2021 Marks:20 Marks

Q.1 Attempt any 4 of the following: (4x5=20 Marks)

- a. Define Topology. Explain any two topologies in detail.
- b. Write Different goals of Computer Networks.
- c. Explain OSI-ISO reference model in detail.
- d. Explain TCP/IP reference model in detail.
- e. What are the different issues for designing a Network layer?
- f. Compare and contrast between LAN and WAN.

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Date: 17/8/2021

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Date: _____

Computer Network : Test

Flexi I - 2021

Q1 Ans. Topology . Explain any two topologies in details.
Topology :- Topology is the arrangement of elements of communication network.
Network topology refers to the manner in which the links and nodes of a network are arranged to relate to each other. Topology refers to the sequence in which devices are connected in the network.
Topology is classified into two types:
1. Physical Topology describes the way in which the nodes are

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