

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: 2019-20

All Units - focusing on Skill Development, Employability and Entrepreneurship

2016
Roll No. : _____

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Srujalha Bhujbal
5603 TYB.Sc

Unit II

1) What is max-frame ethernet frame?
 - Maximum ethernet frame is 1518 bytes
 - Minimum ethernet frame is 64 bytes

2) Classification of Ethernet are - Ethernet

Standard Ethernet 10Mbps	Fast Ethernet 100Mbps	Gigabit Ethernet 1Gbps	Ten Gigabit Ethernet 10Gbps
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3) NRZ is used in fast ethernet

Standard Ethernet	Fast Ethernet
It has data speed of 10Mbps	It has data speed of 100Mbps
It has half duplex	It has full duplex
It has implementation 10base2, 10base5, 10baseT, 10baseF	It has implementation 100baseTx, 100baseFx, 100baseT4

4) 08:07:06:04:49:33
 -> 08 (8 > 1000), LSB = 0
 -> It is a Unicast address

5) 08:07:06:04:49:33 will not be an unicast destination because (8 > 0011) & LSB is 1.

6) Advantages of Ten Gigabit Ethernet over Fast Ethernet are
 -> 10 Gigabit Ethernet has maximum speed as compared to that of the fast ethernet i.e. it has 10Gbps.

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