Computer Networking

IT-305-F

Lecture : 1

Q: What is Computer Network ? Write application of computer network.

Q:2 What is ARPNET? Write use of computer Network. MDU-2015

Lecture : 2

Q:3 List out the main responsibilities of the network layer and transport layer.MDU-2013

Q:4 Describe the working of OSI Model with proper digram. MDU-2015

Lecture : 3

Q:5 List out the advantages and drawbacks of ring topology.

Q:6 What is private network? Explain. MDU-2011

Lecture : 4

Q:7 Is there any relationship between transmission media and topology?

Q:8 Explain Mesh topology and Star topology in detail MDU-2009.

Lecture : 5

Q:9 Explain the IP addressing and IP Address Clsses. MDU-2015

Q:10 Explain various Application Layer Protocol of TCP/IP. MDU-2015

Lecture : 6

Q:11 Explain transmission control protocol header with digram. MDU-2011

Q:12 Explain the Domain Name System. MDU-2011

Lecture : 7

Q:13 Expalin IPv6 with digram. MDU-2011

Q:14 What are the various classes related to IP addressing? MDU-2010

Lecture : 8

Q:15 Enlist and explain the protocols which are essential for mail. MDU-2010

Q: 16 Explain the function of Network layer also discuss the services provided to the transport layer MDU-2009

Lecture : 9

Q:17 Explain LAN Interconnecting devices in detail. MDU-2015

Q:18 What do you mean by CSMA collision detection. Explain MDU-2015

Lecture : 10

Q:19 Explain Routing and Congestion control in detail. MDU-2015

Q:20 Explain the different LAN interconnecting device. MDU-2011

Lecture : 11

Q:21 What do you mean by Token Ring ? Explain.MDU-2011

Q:22 What is LAN. Explain the different feature and the components of LAN. MDU-2011

Lecture : 12

Q:23 What is CSMA protocol? Explain the different version of carrier sense protocol. MDU-2011

Q:24 What are IEEE 802 standards ? Explain MDU-2010

Lecture : 13

Q:25 Compare and contrast ethernet and fast ethernet and gigabit ethernet. MDU-2010

Q:26 Write short notes on any two : MDU 2010

a) CSMA

b) Firewalls

c) SONET

Lecture : 14

Q:27 Explain pure-ALOHA and slotted- ALOHA systems in Detail.   MDU-2009

Q:28 What is a Remote Monitoring Technique? Explain in detail. MDU-2015

Lecture : 15

Q: 29 What do you mean by Synchronous Digital Hierarchy/Synchronous optical network? MDU-2015

Q: 30 Explain the folllowing: MDU-2015

(i) ATM (ii) Firewall (iii) VLAN (iV) WindowNT/2000

Lecture : 16

Q:31 Explain the SONET/SDH. Also explain the SONET architecture.

Q:32 What do you mean by security management? Explain. MDU-2011

Lecture : 17

Q:33 What is quality of service ? Explain.

Q:34 Explain the Proxy Server. MDU-2011

Lecture : 18

Q:35 Explain the concept of ATM MDU-2010

Q:36 Explain Asynchronous Transfer Mode(ATM) in detail. MDU-2009

Lecture : 19

Q: 37Write Short notes on:

a) Polling

b. Virtual LAN

c. Proxy server

d. Frame Relay

Q:38 What is SONET/SDH? Explain SONET Layers and compare with OSI or the Internet layers. MDU-2013