

- Q.33 Explain about packet switching technique.
Q.34 Write short note on Wi-fi.
Q.35 Write the features of WiMax technology.

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Section-D

Note: Long answer Questions. Attempt any two Questions out of three Questions. (2x10=20)

- Q.36 What is network topology? Explain different types of network topologies.
Q.37 Explain the IPV 4 packet format in detail.
Q.38 What are various network connectivity devices? Explain in detail.

B)

6th Sem /Electronics & Communication/ Computer Engg.
Subject : Computer Networks/ Troubleshooting of Computer Networks.

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note : Multiple choice questions. All questions are compulsory. (10x1=10)

- Q.1 NAT stands for
a) Network address transformer
b) Network Address transmission
c) Network address translation
d) None of these
- Q.2 Communication channel is shared by all the machines on the network is _____.
a) Broadcast Network b) Unicast Network
c) Multicast Network d) Anycast Network
- Q.3 In the OSI model, as a data packet moves from the lower to the upper layers, headers are _____.
a) Added b) Removed
c) Rearranged d) Randomized
- Q.4 MAC addresses are also known as?
a) Hardware address b) Physical address
c) Both A & B d) IP address
- Q.5 TCP/IP model does not have _____ layer but OSI

- model have this layer.
- a) Session layer b) Transport Layer
 c) Application layer d) Network layer
- Q.6 What is the address size of IPv6?
- a) 32 bits b) 64 bits
 c) 128 bits d) 256 bits
- Q.7 What is the full form of RAID?
- a) Random Access of Important Disks.
 b) Random Access of independent Disks.
 c) Redundant Array of Important Disks.
 d) Redundant Array of Independent Disks.
- Q.8 191.205.16.32 is an example of which network?
- a) Class A b) Class B
 c) Class C d) Class D
- Q.9 Name of optical fiber cable connector is
- a) BNC b) RJ45
 c) SC and ST d) None of these
- Q.10 IEEE 802.11 standard is used for _____
- a) Token Ring LAN b) Ethernet LAN
 c) Logical Link Control d) WLAN
- Q.13 Routers operates on the _____ layer of OSI reference model.
- Q.14 Class C address range is _____.
- Q.15 IP has two parts _____ and Host.
- Q.16 PINK Stands for _____.
- Q.17 Define Cryptography.
- Q.18 Define network administration.
- Q.19 The IP addresses of the format _____._____._____._____ are reserved for loop back testing.
- Q.20 Li-Fi stands for _____.

Section-C

- Note:** Short answer type Questions. Attempt any twelve Questions out of fifteen Questions. (12x5=60)
- Q.21 What is a computer network? Write the needs of a computer network.
- Q.22 What is router? Explain.
- Q.23 Write short note on subnetting?
- Q.24 Write short note on physical addressing.
- Q.25 Explain the frame format of IEEE 802.3.
- Q.26 What are the various functions of Data link Layer?
- Q.27 Explain different types of network cabling.
- Q.28 What do you mean by RAID management?
- Q.29 Explain peer to peer network model.
- Q.30 Explain VOIP.
- Q.31 Describe Ethical Hacking.
- Q.32 Write short note on encryption.

Section B

Note: Objective type Questions. All Questions are compulsory. (10x1=10)

- Q.11 MAN stands for _____.
- Q.12 OSI stands for _____.