

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Explain in detail Ipv4 header format.
- Q.24 Explain in detail the various layers of OSI reference model.
- Q.25 Write technical note on the following :
- a) Switch
 - b) Star topology

No. of Printed Pages : 4
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6th Sem / ECE, ECE (For Speech and Hearing Impaired)

Subject : Computers Networks

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

- Q.1 A 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.2 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.3 What is the address size of Ipv6?
- a) 32 bits
 - b) 64 bits
 - c) 128 bits
 - d) 256 bits

- Q.4 IEEE 802.16 standard is used for _____
- a) Token Ring LAN b) Ethernet LAN
c) Wimax d) WLAN
- Q.5 What does MAC stands for
- a) Meta Access Control
b) Media Access Control
c) Mail Access Control
d) Multi Access Control
- Q.6 _____ refers to algorithmic schemes that encode plan text into non readable form.
- a) Huffman Code b) Network Security
c) Encryption d) Transport Protocol

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 MAN stands for _____
- Q.8 Find the class of IP address 128.120.10.10 is _____.
- Q.9 HUB operates on the _____ layer of OSI reference model.
- Q.10 In Cloud computing, PaaS stands for _____.

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- Q.11 Expand TCP.
- Q.12 Define Routers.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 Explain Ring topology along its advantages & disadvantages.
- Q.14 Write short note on physical addressing.
- Q.15 What is circuit switching? Why it is used for voice communication?
- Q.16 Write a short note on loop back.
- Q.17 Explain the frame format for IEEE 802.3.
- Q.18 Write a short note on Router.
- Q.19 Write a note on Cryptography.
- Q.20 Write short note on :
- a) PING
b) IPCONFIG
- Q.21 Write the comparison between Bluetooth and Wi-Fi.
- Q.22 Write any four advantages of cloud computing.

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