

# Professional Online Academy Vu Topper RM



**CS610-Computer Network**  
**Update MCQ'S Mid Term**  
**By Vu Topper RM**



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**Question No:1**

**(Marks:1)**

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\_\_\_\_\_ uses counter rotating rings in which data flows in opposite directions.

**A. FDDI Page 31**

B. ATM

C. Token Ring

D. Frame Relay

**Question No:2**

**(Marks:1)**

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The Ethernet speed was originally 3Mbps, and the current standard is ..... the fast Ethernet operates at 100Mbps.

**A. 10Mbps Page27**

B. 20Mbps

C. 30mbps

**Question No:3**

**(Marks:1)**

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Mapping between a protocol address and a hardware address is called

A. Segmentation

B. Hashing

C. Fragmentation

**D. Address Resolution Page 93**

**Question No:4**

**(Marks:1)**

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Protocols of TCP/IP layering model specify how to organize data into frame and how a computer transmits frames over a network.

A. Session

B. Internet Layer

**C. Network interface layer**

D. Internet Layer

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**Question No:5**

**(Marks:1)**

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In Closed-form computation, the protocol address assigned to a computer is chosen carefully so that computer's hardware address can be computed from the protocol address using basic Boolean and operations.

**A. Arithmetic Page 94**

B. XOR

C. Shift

**Question No:6**

**(Marks:1)**

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As the Internet grew, the original Classful addressing scheme became a limitation. The IP address space was being exhausted because all networks had to choose one of possible sizes.

A. One

B. Two

**C. Three Page 90**

**Question No:7**

**(Marks:1)**

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Dotted decimal notation is a syntactic form the IP software uses to express binary values when interacting with humans.

**A. 32-bit Page 87**

B. 16-bit

C. 8-bit

**Question No:8**

**(Marks:1)**

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\_\_\_\_\_ protocols of TCP/IP layering model specify how to ensure reliable transfer.

A. Physical Layer

B. Internet Layer

C. Network Interface Layer

**D. Transport Layer**

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**Question No:9**

**(Marks:1)**

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In the IP address---identifies an individual computer on the network.

A. Prefix

**B. Suffix**      **Page 85**

C. Mux

D. Demux

**Question No:10**

**(Marks:1)**

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Internet protocol (IP) address version 4 is comprised of --- bits.

A. 48

**B. 32**

C. 24

**Question No:11**

**(Marks:1)**

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A separate table is used for each physical network. bit-binding

A. Checksum

B. CRC

C. Bit-binding

**D. Address-binding**

**Question No:12**

**(Marks:1)**

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Inside a computer, each address mask is stored as a --- value.

**A. 32**      **Page 91**

B. 48

C. 36

**Question No:13**

**(Marks:1)**

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Dotted decimal represents each octet in \_\_\_\_\_ and uses a dot to separate octets.

A. Octal

B. binary

**C. Decimal**      **Page 87**

D. hexadecimal

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**Question No:14** (Marks:1) **Vu-Topper RM**  
\_\_\_\_\_ of TCP/IP Protocol Suit specifies the format of packets sent across Internet as well as the mechanisms used to forward packets.

- A. Physical Layer
- B. Transport Layer
- C. Data Link Layer
- D. Internet Layer**

**Question No:15** (Marks:1) **Vu-Topper RM**  
The IP class scheme does not divide the \_\_\_\_\_ address space into equal size class and the classes do not contain the same number of networks.

- A. 32-bit** **Page 88**
- B. 16-bit
- C. 8-bit

**Question No:16** (Marks:1) **Vu-Topper RM**  
\_\_\_\_\_ of TCP/IP protocol suit defines the basic characteristics of network hardware.

- A. Physical Layer**
- B. Data Link Layer
- C. Internet Layer

**Question No:17** (Marks:1) **Vu-Topper RM**  
The protocol address of the next hop must be \_\_\_\_\_ to an equivalent hardware address before a packet can be sent.

- A. Encrypted
- B. Decrypted
- C. Segmented

**D. Translated** **Page 93**

**Question No:18** (Marks:1) **Vu-Topper RM**  
Address Resolution Protocol is mostly used to bind a 32-bit IP address to an \_\_\_\_\_ Ethernet address.

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- A 16-bit
- B 48-bit**
- C. 64-bit

**Question No:19** (Marks:1) **Vu-Topper RM**  
TCP/IP defines the term to refer any computer system that connects to a network and runs applications for users.

- A. Router
- B. Host computer** **Google**
- C. Bridge

**Question No:20** (Marks:1) **Vu-Topper RM**  
There are two standard implementations to improve computational efficiency:

- A. Hashing and Direct indexing** **Page 94**
- B Segmentation and Fragmentation
- C. Queuing and Packetizing
- D. Indexing and Framing

**Question No:21** (Marks:1) **Vu-Topper RM**  
In the IP address identifies the physical network to which the computer is attached.

- A. PREFIX** **Page 85**
- B. SUFFIX
- C. Mux

**Question No:22** (Marks:1) **Vu-Topper RM**  
In Cyclic Redundancy Checking, CRC is \_\_\_\_\_.

- A. Divisor
- B. Quotient
- C. Remainder** **Page 20**
- D. Dividend

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**Question No:23**

**(Marks:1)**

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The satellite or radio topology in which all computers are connected to each other via satellite or radio wave is a kind of

**A. Broadcast network Page 5**

B. Point-to-Point network

C. Many-to-One network

D. Face-to- Face network

**Question No:24**

**(Marks:1)**

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Which of the following two operations are performed by Ethernet CD?

I. It monitors outgoing signals.

II. Grabbled signal is interpreted as a collision.

III. Signals are sent back to the sender.

A. I and III

B. II and IV

C. II and III

**D. I and II Page 28**

**Question No:25**

**(Marks:1)**

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The process of forwarding a packet is called \_\_\_\_\_.

**A. Routing Page 58**

B. Processing

C. Hierarchical Addressing

D. Source Addressing

**Question No:26**

**(Marks:1)**

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Which statement is correct about Network Interface Card (NIC)?

I. NIC contains sufficient hardware to process data independent of system CPU

II. NIC looks like any other I/O device to system CPU

III. NIC also receives interrupt on incoming data.

A. I and II

B. II and III

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C. I and III

**D. All Page 40**

**Question No:27**

**(Marks:1)**

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While transmitting data from source A to destination B, 4 bits are changed during the transmission then the error is a \_\_\_\_\_.

**A. Burst error Page 22**

B. Single error

C. Double error

D. Logic error

**Question No:28**

**(Marks:1)**

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The switch that has no attached computers is called \_\_\_\_\_.

A. Packet Switch

B. Exterior Switch

**C. Interior Switch Page 59**

D. External Switch

**Question No:29**

**(Marks:1)**

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\_\_\_\_\_ is the most popular wiring scheme because of lowest cost.

A. 5 Base T

**B. 10 Base T Page 43**

C. 100 base T

D. 1000 base T

**Question No:30**

**(Marks:1)**

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In \_\_\_\_\_ technique, all members of the network can send data only on the specific time slot?

A. CDMA

B. FDMA

**C. CSMA Page 43**

D. TDMA

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**Question No:31**

**(Marks:1)**

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If a sender with a 100 Megabit NIC and receiver with 10 Megabit NIC wants to communicate with each other at which speed they can communicate?

- A. 110 Megabit
- B. 1000 Megabit
- C. 10 Megabit

**D. 100 Megabit**

**Page 40**

**Question No:32**

**(Marks:1)**

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Missing \_\_\_\_\_ in a frame format indicates receiving computer missed beginning of the message.

- A. eot
- B. sot
- C. eoh

**D. soh**

**Page 16**

**Question No:33**

**(Marks:1)**

**Vu-Topper RM**

The \_\_\_\_\_ of errors is easier than the \_\_\_\_\_ of errors.

- A. Correction; detection
- B. Correction; creation
- C. Detection; manipulation

**D. Detection; correction**

**Google**

**Question No:34**

**(Marks:1)**

**Vu-Topper RM**

The \_\_\_\_\_ of errors is difficult than the \_\_\_\_\_ of errors.

- A. Detection; correction
- B. Correction; creation
- C. Detection; manipulation

**D. Correction; detection**

**Google**

**Question No:35**

**(Marks:1)**

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Source Independence phenomenon allows fast and efficient \_\_\_\_\_.

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- A. Source Addressing
- B. Routing
- C. Packet Switching**
- D. Store and forward

**Page 58**

**Question No:36** (Marks:1) **Vu-Topper RM**

In distributed route computation process each packet switch computes its routing table locally and sends messages to the \_\_\_\_\_.

- A. Router
- B. Graph
- C. Neighbors**
- D. WAN

**Page 63**

**Question No:37** (Marks:1) **Vu-Topper RM**

The \_\_\_ layer of the OSI model takes the data from the physical layer and perform error checking.

- A. Transport
- B. Data link**
- C. Application
- D. Presentation

**Google**

**Question No:38** (Marks:1) **Vu-Topper RM**

CBR stands for \_\_\_\_\_.

- A. Constant Byte Rate
- B. Constant Bit Rate**
- C. Connection break Recovery
- D. Constant Borrow Rate

**Page 71**

**Question No:39** (Marks:1) **Vu-Topper RM**

VBR stands for.....

- A. Variable Byte Rate
- B. Variable Bit Rate**
- C. Variable break Recovery

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D. Variable borrow Rate

**Question No:40**

**(Marks:1)**

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ABR stands for.....

A. Available Byte Rate

**B. Available Bit Rate** Page 71

C. Available break Recovery

D. Available Borrow Rate

**Question No:41**

**(Marks:1)**

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A network that uses \_\_\_\_\_ usually consist of a single long cable to which computer attach.

A. Star Topology

B. Ring Topology

**C. Bus Topology** Page 26

D. Bus and Ring Topology

**Question No:42**

**(Marks:1)**

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If simultaneous transmission occurs, the frames interfere with each other and this phenomenon is called \_\_\_\_\_.

A. packet loss

**B. collision** Page 28

C. delayed transmission

D. coordination

**Question No:43**

**(Marks:1)**

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In \_\_\_\_\_ all computers are attached to a central hub.

A. Ring topology

**B. Star topology** Page 31

C. Hub topology

D. Bus topology

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**Question No:44** (Marks:1) **Vu-Topper RM**  
For adding a new computer in a point-to-point network \_\_\_\_\_ new connection will be required

- A. N
- B. N-1 Page 23**
- C. N-2
- D. 2N

**Question No:45** (Marks:1) **Vu-Topper RM**  
The fastest Ethernet hardware operates at a rate of \_\_\_\_\_

- A. 1000 bps
- B. 100 Mbps Page 27**
- C. 10 Mbps
- D. 1000 Mbps

**Question No:46** (Marks:1) **Vu-Topper RM**  
Which of the following the benefit to point to point communication?

- A. Quick to configure
- B. Security implementation Page 23**
- C. Cost
- D. Less availability

**Question No:47** (Marks:1) **Vu-Topper RM**  
ATM offers \_\_\_\_\_ speed and \_\_\_\_\_ delay

- A. High, High
- B. High, low Page 72**
- C. Low, low
- D. Low, high

**Question No:48** (Marks:1) **Vu-Topper RM**  
Thick Ethernet is known as \_\_\_\_\_

- A. 10 Base 2
- B. 10 Base 5 Google**

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- C. 10 Base T
- D. 10 Base 10

**Question No:49** (Marks:1) **Vu-Topper RM**

Both interior and exterior switches \_\_\_\_\_ packets and they also need routing tables.

- A. Create
- B. Delay

**C. Forward** **Page 59**

- D. Start

**Question No:50** (Marks:1) **Vu-Topper RM**

\_\_\_\_\_ is the rate at which data can be sent through the network

- A. Throughput** **Page 79**
- B. Propagation delay
- C. Access delay
- D. Switching delay

**Question No:51** (Marks:1) **Vu-Topper RM**

In a ping command, small –sized information packets of \_\_\_\_\_ are sent.

- A. TCP
- B. UDP
- C. ICMP** **Page 11**
- D. IGMP

**Question No:52** (Marks:1) **Vu-Topper RM**

Many WANs use \_\_\_\_\_ addressing for efficiency.

- A. Sequence
- B. Forward

**C. Hierarchical** **Page 56**

- D. Sequential

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**Question No:53** (Marks:1) **Vu-Topper RM**

Which of the following is not a function of ping commends?

- A. Local computer network issue
- B. Congestion in the network
- C. Relay nodes** **Page 11**
- D. Remote host availability

**Question No:54** (Marks:1) **Vu-Topper RM**

Packet switched can be linked together to form a \_\_\_\_\_

- A. LAN
- B. WAN** **Page 56**
- C. Bridge
- D. None

**Question No:55** (Marks:1) **Vu-Topper RM**

Fixed network is a type of networks which is classified with respect to the.....factor

- A. Size
- B. Connectivity
- C. Medium
- D. Mobility** **Page 6**

**Question No:56** (Marks:1) **Vu-Topper RM**

Parity bit can detect \_\_\_\_\_ error(s)

- A. 4
- B. 3
- C. 2** **Page 19**
- D. 1

**Question No:57** (Marks:1) **Vu-Topper RM**

When we will try to connect to the internet which of the following protocol will be used?

- A. Telnet

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**B. TCP/IP** Page 84

C. ICMP

D. IPx

**Question No:58**

**(Marks:1)**

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How many computers are mandatory to form a network?

A. 1

**B. 2** Google

C. 4

D. 8

**Question No:59**

**(Marks:1)**

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\_\_\_\_\_ is standard wireless LAN that uses radio signals at 2.4GHz.

A. IEEE 803.16

B. IEEE 802.15

C. IEEE 802.3

**D. IEEE 802.11**

Page 29

**Question No:60**

**(Marks:1)**

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LAN interface hardware obeys \_\_\_\_\_ access rule.

**A. CSMA/CD**

Page 34

B. Round robin

C. First come first served

D. High priority

**Question No:61**

**(Marks:1)**

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The most important task a bridge performs is \_\_\_\_\_.

A. Packet switching

B. Line controlling

C. Noise controlling

**D. Frame filtering**

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**Question No:62**

**(Marks:1)**

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ATM uses small, fixed-sized packets called cells and each cell has \_\_\_\_\_ octets.

A. 47

B. 52

**C. 53**      **Page 66**

D. 55

**Question No:63**

**(Marks:1)**

**Vu-Topper RM**

\_\_\_\_\_ can't be guaranteed with variable length packets as easily as it can with fixed length cells.

A. Errors

B. Noise

**C. Quality of Service**      **Page 72**

D. None of the given

**Question No:64**

**(Marks:1)**

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Which multiplexing technique transmits digital signals?

A. WDM

B. FDM

**C. TDM**      **Page 15**

D. GSM

**Question No:65**

**(Marks:1)**

**Vu-Topper RM**

Connections in Asynchronous transfer mode are called \_\_\_\_\_.

**A. Virtual channels**      **Page 67**

B. Virtual Path Identifier

C. Cells

D. Cell tax

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**Question No:66**

**(Marks:1)**

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A \_\_\_\_\_ is a device that combines multiple signals and forwards into a single line.

A. Modem

**B. Multiplexer**      **Page 41**

C. Repeater

D. Layer 3 Switch

**Question No:67**

**(Marks:1)**

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\_\_\_\_\_ is inflexible.

A. Routing

B. Searching

C. Processing

**D. Static routing**      **Page 62**

**Question No:68**

**(Marks:1)**

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If a hub is used to connect many computers in a LAN, then only \_\_\_\_\_ computers can communicate at a given time.

A. Three

**B. Two**      **Page 54**

C. Four

D. One

**Question No:69**

**(Marks:1)**

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\_\_\_\_\_ is the term used for variance in transmission delays.

A. Friction

B. Segment

C. Checksum

**D. Jitter**      **Page 66**

**Question No:70**

**(Marks:1)**

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\_\_\_\_\_ is also called self healing network.

A. ATM

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- B. FDDI
- C. Token Ring
- D. Frame relay**

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**Question No:71** (Marks:1)

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\_\_\_\_\_ are the two frame types.

- A. Internal and external
- B. Single and dual
- C. Implicit and explicit

**D. Multicast and broadcast** Page 35

**Question No:72** (Marks:1)

**Vu-Topper RM**

Bluetooth uses shared medium and \_\_\_\_\_ instead of coaxial cable.

- A. Radio waves** Page 29
- B. Infrared waves
- C. Micro waves
- D. Low frequency waves

**Question No:73** (Marks:1)

**Vu-Topper RM**

A. Which of the following is not a guided medium?

- B. Twisted pair cable
- C. Fiber-optic cable

**D. Atmosphere** Google

E. Coaxial cable

**Question No:74** (Marks:1)

**Vu-Topper RM**

As a result of ARPA research, the first network was established which was named as \_\_\_\_\_.

- A. INTERNETWORKING
- B. ARPNET
- C. ARPANET** Page 9
- D. PACKET NETWORK

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**Question No:75** (Marks:1) **Vu-Topper RM**  
Asynchronous transfer mode (ATM) can dynamically establish a \_\_\_\_\_.

**A. Switched virtual circuit** **Page 70**

- B. Virtual connection identifier
- C. Virtual path indicator
- D. None of the given options

**Question No:76** (Marks:1) **Vu-Topper RM**  
A typical port on an ATM switch operates at \_\_\_\_\_ or higher.

- A. OC-2 speed (155Gbps)
- B. OC-2 speed (1000Mbps)
- C. OC-3 speed (155Mbps)** **Page 72**
- D. OC-3 speed (100Gbps)

**Question No:77** (Marks:1) **Vu-Topper RM**  
10Base-T Ethernet is often called a \_\_\_\_\_.

- A. ring shaped star
- B. ring shaped bus
- C. star shaped bus** **Page 46**
- D. star shaped ring

**Question No:78** (Marks:1) **Vu-Topper RM**  
\_\_\_\_\_ allows automatic updates.

- A. Dynamic routing** **Page 62**
- B. Static routing
- C. Routing
- D. Default routing

**Question No:79** (Marks:1) **Vu-Topper RM**  
Handling variable length packets leads to memory \_\_\_\_\_.

- A. Fragmentation** **Page 72**
- B. Management
- C. Location

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D. Allocation

**Question No:80**

**(Marks:1)**

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In order to forward a copy of frame, the bridge uses \_\_\_\_\_ address.

A. Network

**B. Destination**

**Page 51**

C. IP

D. Source

**Question No:81**

**(Marks:1)**

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We may use \_\_\_\_\_ to extend local area network.

A. Bridge, Router

B. Bridge, Hub, Router

**C. Bridge, Hub, Repeater**

**Page 149**

D. Bridge, Hub, Repeater, Router

**Question No:82**

**(Marks:1)**

**Vu-Topper RM**

All of the given options are the types of delay except \_\_\_\_\_.

A. Propagation

B. Access

**C. Throughput**

**Page 79**

D. Queuing

**Question No:83**

**(Marks:1)**

**Vu-Topper RM**

While computing shortest path in a graph, next hop information is inserted into \_\_\_\_\_.

**A. Routing table**

**Page 62**

B. Trailer

C. Header

D. Register

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**Question No:84**

**(Marks:1)**

**Vu-Topper RM**

LAN interface uses \_\_\_\_\_ to copy frame data directly from main memory.

**A. DMA**

**Page 34**

B. FDDI

C. Hard disk

D. Flash

**Question No:85**

**(Marks:1)**

**Vu-Topper RM**

The Gigabit Ethernet hardware operates at a rate of \_\_\_\_\_.

A. 10 Mbps

B. 100 Mbps

**C. 1000 Mbps**

**Page 263**

D. 1000 Gbps

**Question No:86**

**(Marks:1)**

**Vu-Topper RM**

In the early resource sharing era, which resources were shared among users?

**A. Computation**

**Page 9**

B. Floppy Drives

C. Hard Disk

D. Printers

**Question No:87**

**(Marks:1)**

**Vu-Topper RM**

If two buildings are located far from each other then bridge, and \_\_\_\_\_ can be used to connect two LAN.

**A. Optical fiber**

**Page 51**

B. Ethernet modem

C. Switch

D. NIC

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**Question No:88**

**(Marks:1)**

**Vu-Topper RM**

Which type of network consists of wireless connection of laptops in a university classroom?

- A. WAN
- B. MAN
- C. Fog
- D. LAN**

**Google**

**Question No:89**

**(Marks:1)**

**Vu-Topper RM**

A typical bridge has \_\_\_\_\_.

- A. One NIC, a CPU a memory and a ROM.
- B. Two NICs, a CPU a memory and a ROM.**
- C. RAM, ROM and CPU.
- D. A cache memory, ROM and CPU.

**Page 50**

**Question No:90**

**(Marks:1)**

**Vu-Topper RM**

\_\_\_\_\_ is used for compressed audio and video, where the data rate depends on the level of compression that can be achieved.

- A. Constant Bit Rate
- B. Stable Bit Rate
- C. Variable Bit Rate**
- D. Available Bit Rate

**Page 71**

**Question No:91**

**(Marks:1)**

**Vu-Topper RM**

There are \_\_\_\_\_ types of data stuffing.

- A. 1
- B. 2**
- C. 0
- D. 5

**Page 17**

**Question No:92**

**(Marks:1)**

**Vu-Topper RM**

Dijkstra's algorithm can accommodate weights on \_\_\_\_\_ in graph.

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**A. Nodes**      **Page 62**

- B. Edges
- C. Path
- D. Connections

**Question No:93**      **(Marks:1)**

**Vu-Topper RM**

\_\_\_\_\_ masks your IP address.

- A. Firewall
- B. Antivirus

**C. VPN**      **Conceptual**

- D. Incognito mode

**Question No:94**      **(Marks:1)**

**Vu-Topper RM**

Static routing computes routing table information at \_\_\_\_\_ time.

- A. Load

**B. Boot**      **Page 62**

- C. Execute
- D. One

**Question No:95**      **(Marks:1)**

**Vu-Topper RM**

\_\_\_\_\_ was the first automated tool required to see whether the given computer is online or not.

- A. Probing program
- B. PING program
- C. status program

**D. None**      **Page 11**

**Question No:96**      **(Marks:1)**

**Vu-Topper RM**

In which type of error detection, the arithmetic sum is calculated before and after the transmission of data at both communication ends?

- A. CRC
- B. Parity

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**C. Checksum** Page 19

D. Hash Function

**Question No:97** (Marks:1) **Vu-Topper RM**

Computer sends a connection request to the \_\_\_\_\_ to which it is attached while establishing a switched virtual circuit.

A. Bridge

**B. Switch** Page 70

C. VPI

D. Virtual circuit

**Question No:98** (Marks:1) **Vu-Topper RM**

The bridges communicate with each other on the network and use \_\_\_\_\_ algorithm to decide which bridge will not forward frames if a cycle occurs.

A. Djikstra

B. Shortest path first

C. Vector distance

**D. Distributed Spanning Tree** Page 53

**Question No:99** (Marks:1) **Vu-Topper RM**

Ethernet uses a \_\_\_\_\_ bit static addressing scheme in which each device is assigned a unique address by the manufacturer.

A. 64

**B. 48** Page 109

C. 32

D. 16

**Question No:100** (Marks:1) **Vu-Topper RM**

Weights on graph edges reflect cost of \_\_\_\_\_.

A. Nodes

**B. Traversing edge** Page 63

C. Trending edge

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D. Path

**Question No:101**

**(Marks:1)**

**Vu-Topper RM**

A \_\_\_\_\_ relies on the hardware manufacturer to assign a unique physical address to each network interface.

**A. Static addressing scheme**

**Page 34**

B. Configurable addressing scheme

C. Dynamic addressing scheme

D. None of the given

**Question No:102**

**(Marks:1)**

**Vu-Topper RM**

In \_\_\_\_\_ topology, if the switch goes down all the computers will be disconnected.

**A. Star**

**Google**

B. Ring

C. Bus

D. Mesh

**Question No:103**

**(Marks:1)**

**Vu-Topper RM**

Which type of network consists of wired computers in a university classroom?

A. MAN

B. PAN

C. WAN

**D. LAN**

**Google**

**Question No:104**

**(Marks:1)**

**Vu-Topper RM**

If you as a network administrator want to know the traffic flow of your data while communicating with a remote computer which of the following will be used to know about intermediate routers?

A. Ipconfig

**B. Ping**

**Page 11**

C. Traceroute

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D. Arp

**Question No:105**

**(Marks:1)**

**Vu-Topper RM**

Hardware address is also called \_\_\_\_\_.

**A. Physical address**

**Google**

B. Logical address

C. IP address

D. Port address

**Question No:106**

**(Marks:1)**

**Vu-Topper RM**

Thick Ethernet also requires \_\_\_\_\_ to avoid signal reflectance.

A. Transceivers

B. AUI cable

C. Drop cable

**D. Terminators**

**Page 41**

**Question No:107**

**(Marks:1)**

**Vu-Topper RM**

Which of the following network is using the TCP/IP model globally?

A. PAN

B. SAN

C. LAN

**D. The Internet**

**Google**

**Question No:108**

**(Marks:1)**

**Vu-Topper RM**

VPNs connections are sometimes called \_\_\_\_\_.

**A. Tunnels**

**Page 75**

B. Open networking

C. Routing

D. Public network

**Question No:109**

**(Marks:1)**

**Vu-Topper RM**

To reduce \_\_\_\_\_, computers can be connected and distributed to a number of hubs, then the hubs can be connected to a switch.

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**A. Costs**                      **Page 54**

- B. Quality
- C. Efficiency
- D. Noise

**Question No:110**                      **(Marks:1)**                      **Vu-Topper RM**

If a \_\_\_\_\_ is used, the communication between two computers will not affect the other pair of computers and they can communicate at the same time.

A. Hub

**B. Switch**                      **Page 54**

- C. Repeater
- D. Amplifier

**Question No:111**                      **(Marks:1)**                      **Vu-Topper RM**

The length of hardware address is \_\_\_\_\_.

- A. One to ten bytes
- B. One to five bytes

**C. One to six bytes**                      **Page 34**

D. One to seven bytes

**Question No:112**                      **(Marks:1)**                      **Vu-Topper RM**

A network analyzer is also called \_\_\_\_\_.

- A. Network manager
- B. Network administrator

**C. Network monitor**                      **Page 37**

D. Network

**Question No:113**                      **(Marks:1)**                      **Vu-Topper RM**

No any error detection scheme is perfect because transmission errors can affect \_\_\_\_\_.

- A. Data
- B. Additional Information

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**C. Additional information & data**

**Google**

D. Transmission medium

**Question No:114**

**(Marks:1)**

**Vu-Topper RM**

The token ring network topology is a ring but wiring topology is a \_\_\_\_\_.

**A. Star**

**Page 44**

B. bus

C. tree

D. mesh

**Question No:115**

**(Marks:1)**

**Vu-Topper RM**

\_\_\_\_\_ addresses are used in an ethernet frame.

**A. IP**

**Page 99**

B. Port

C. Logical

D. MAC

**Question No:116**

**(Marks:1)**

**Vu-Topper RM**

AUI cable connects from NIC to \_\_\_\_\_.

A. BNC Connector

B. RJ-45 Connector

**C. Transceiver**

**Page 41**

D. Terminator

**Question No:117**

**(Marks:1)**

**Vu-Topper RM**

Public networks are \_\_\_\_\_.

A. More secure than LAN

**B. Flexible**

**Page 74**

C. Limited in boundary

D. Intranet

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**Question No:118**

**(Marks:1)**

**Vu-Topper RM**

The maximum cable length of a LAN is fixed because

- \_\_\_\_\_.
- A. Additional hardware are not suitable for the LAN extension.
  - B. The electrical signal level gets weaker as it travels. Page 48**
  - C. Additional software are not suitable for the LAN extension
  - D. The electrical signal level gets stronger as it travels.

**Question No:119**

**(Marks:1)**

**Vu-Topper RM**

In \_\_\_\_\_ network topology is separated from route computation.

- A. Local area
- B. Link-state routing Page 64**
- C. Static routing
- D. Dynamic routing

**Question No:120**

**(Marks:1)**

**Vu-Topper RM**

Which layer of the OSI Model directly communicates and controls the transmission medium:

- A. Transmission
- B. Physical Google**
- C. Application
- D. Network

**Question No:121**

**(Marks:1)**

**Vu-Topper RM**

In \_\_\_\_\_ technique data is treated as a sequence of integers and their arithmetic sum is computed and the carry bits are added to the final sum.

- A. CRC
- B. Bit stuffing
- C. Checksum Page 19**
- D. 2D Parity

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**Question No:122**

**(Marks:1)**

**Vu-Topper RM**

A network with \_\_\_\_\_ jitter takes more time to deliver some packets than others.

A. Zero

**B. High**

C. Low

D. Moderate

**Page 80**

**Question No:123**

**(Marks:1)**

**Vu-Topper RM**

A network uses \_\_\_\_\_ to arrange computers in a single closed loop.

A. Star Topology

B. Mesh Topology

**C. Ring Topology**

D. Bus Topology

**Page 25**

**Question No:124**

**(Marks:1)**

**Vu-Topper RM**

Which of the following tasks is not done by the second layer of the OSI model?

A. Flow control

B. Framing

**C. Channel coding**

D. Error control

**Google**

**Question No:125**

**(Marks:1)**

**Vu-Topper RM**

ATM is a single technology designed to meet the goals of both

A. LAN & PAN

**B. LAN & WAN**

C. LAN & MAN

D. MAN & WAN

**Page 66**

**Question No:126**

**(Marks:1)**

**Vu-Topper RM**

LAN and WAN are classified according to their.....

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**A. Size**

**Page 4**

- B. Connectivity
- C. Medium
- D. Mobility

**Question No:127**

**(Marks:1)**

**Vu-Topper RM**

The identifier that is used for data transfer in the virtual circuit network is called \_\_\_\_\_.

**A. Virtual circuit identifier**

**Google**

- B. Global address
- C. Network identifier
- D. IP identifier

**Question No:128**

**(Marks:1)**

**Vu-Topper RM**

In Direct point to point communication adding the Nth computer requires ----- new connections.

- A.  $N^2$
- B.  $N-1$
- C.  $(N^2 - N)/2$
- D.  $N(N-1)$

**Page 23**

**Question No:129**

**(Marks:1)**

**Vu-Topper RM**

Which of the following is the correct function of bridge?

- A. MTU path discovery
- B. Byte stuffing
- C. Routing information

**D. Filtering and forwarding a frame**

**Page 50**

**Question No:130**

**(Marks:1)**

**Vu-Topper RM**

Point to point topology is-----

- A. Size based
- B. Mobility based

**C. Connectivity based**

**Page 5**

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D. Medium based

**Question No:131**

**(Marks:1)**

**Vu-Topper RM**

IEEE LLC / SNAP header is \_\_\_ which is used to specify the type of data.

**A. 8 octets**

**Google**

B. 16 octets

C. 32 octets

D. 64 octets

**Question No:132**

**(Marks:1)**

**Vu-Topper RM**

IEEE LLC / SNAP header is \_\_\_\_\_ which is used to specify the type of data.

A. CRC

B. Bit stuffing

**C. Checksum**

**Google**

D. 2D Parity

**Question No:133**

**(Marks:1)**

**Vu-Topper RM**

What is the largest network in existence?

**A. The internet**

**Google**

B. A PAN

C. A Fog

D. Edge Network

**Question No:134**

**(Marks:1)**

**Vu-Topper RM**

The frame format of any LAN technology must consists of \_\_\_\_\_ and \_\_\_\_\_.

A. Payload and CRC

B. Frame header and CRC

C. Payload and Frame type

**D. Frame header and payload**

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**Question No:135**

**(Marks:1)**

**Vu-Topper RM**

\_\_\_\_\_ can occur in LANs when a packet is delayed because the network is busy.

**A. Jitter**

**Page 66**

B. Loop

C. Deadlock

D. Variance

**Question No:136**

**(Marks:1)**

**Vu-Topper RM**

Which of the following cannot be used to extend a LAN?

A. Repeaters

B. Switches

C. Routers

**D. Fiber modems**

**Google**

**Question No:137**

**(Marks:1)**

**Vu-Topper RM**

Links-state algorithm is used in \_\_\_\_\_

A. RIP

B. IGRP

C. RIPv2

**D. OSPF**

**Page 64**

**Question No:138**

**(Marks:1)**

**Vu-Topper RM**

According to size, there are \_\_\_\_ classifications of networks

**A. 2**

**Page 2**

B. 3

C. 4

D. 5

**Question No:139**

**(Marks:1)**

**Vu-Topper RM**

In which topology terminators are used at the end of the cable?

A. Star

**B. Bus**

**Google**

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- C. Ring
- D. Mesh

**Question No:140** (Marks:1) **Vu-Topper RM**

Switch simulates a \_\_\_\_\_ LAN connecting segments.

- A. Single
- B. Single shared

**C. Bridged**

**Page 54**

- D. Complex

**Question No:141** (Marks:1) **Vu-Topper RM**

PVS stands for \_\_\_\_\_

**A. Permanent virtual circuit**

**Page 69**

- B. Private virtual circuit
- C. Public virtual circuit
- D. Plastic virtual circuit

**Question No:142** (Marks:1) **Vu-Topper RM**

Hardware that calculates a CRC used two simple components \_\_\_\_\_

A. AND unit and XOR Unit

**B. Shift register and XOR unit**

**Page 20**

C. Shift register & AND unit

D. Shift register and Shift XCR unit

**Question No:143** (Marks:1) **Vu-Topper RM**

Thin ethernet is known as \_\_\_\_\_

**A. 10 base 2**

**Google**

B. 10 base 5

C. 10 base T

D. All

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**Question No:144**

**(Marks:1)**

**Vu-Topper RM**

If a sender with a 1 Gigabit NIC and receiver with 100 Megabit NIC wants to communicate with each other than at which speed they can communicate

- A. 11 Megabit
- B. 100 Megabit**
- C. 1 Gigabit
- D. Gigabit

**Google**

**Question No:145**

**(Marks:1)**

**Vu-Topper RM**

\_\_\_\_\_ is used as an alternative of packet for a specific computer network technology

- A. Datum
- B. Token
- C. Ether
- D. Frame**

**Page 14**

**Question No:146**

**(Marks:1)**

**Vu-Topper RM**

The sharing of a medium and its link by two or more devices is called \_

- A. Modulation
- B. Encoding
- C. Multiplexing**
- D. Line discipline

**Google**

**Question No:147**

**(Marks:1)**

**Vu-Topper RM**

The topology each computer is connected to a central hub is called

- A. Ring topology
- B. Star topology**
- C. Tree topology
- D. Mesh topology

**Page 5**

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**Question No:148**

**(Marks:1)**

**Vu-Topper RM**

Asynchronous transfer mode (ATM) is designed to work on fiber but can be used with \_\_\_\_\_.

A. Wireless

**B. Twisted pair**

**Page 72**

C. Wifi

D. Bluetooth

**Question No:149**

**(Marks:1)**

**Vu-Topper RM**

The basic responsibility of NIC is \_\_\_\_\_

**A. To access medium network**

**Google**

B. To resource allocation

C. To access memory

D. All of the given option

**Question No:150**

**(Marks:1)**

**Vu-Topper RM**

Frame relay is \_\_\_\_\_

**A. Connection oriented service**

**Page 64**

B. Connectionless service

C. Typically ranges for 5 Mbps to 1000Mbps

D. Call based

**Question No:151**

**(Marks:1)**

**Vu-Topper RM**

The length of time required to send a variable length packet is \_\_\_\_\_

A. 5 second

**B. Variable**

**Page 72**

C. Constant

D. Fix

**Question No:152**

**(Marks:1)**

**Vu-Topper RM**

In Token Ring, if all computers are ready to transmit it enforces \_\_\_\_\_ access.

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A. First come first served

**B. Round Robin**

**Page 30**

C. Shorter delay

D. Last come first served

**Question No:153**

**(Marks:1)**

**Vu-Topper RM**

The Ethernet standard specifies that frames are sent using the \_\_\_\_\_ scheme.

A. Differential Manchester

B. Not Return to Zero (NR2)

**C. Manchester Encoding**

**Page 27**

D. Return to Zero (RZ)

**Question No:154**

**(Marks:1)**

**Vu-Topper RM**

ATM uses the concept of \_\_\_\_\_.

**A. Connection-oriented**

**Page 66**

B. Connection-less

C. Variable packet size

D. Fixed and variable packet size

**Question No:155**

**(Marks:1)**

**Vu-Topper RM**

Which of the following is a benefit of direct point to point communication?

A. Quick to configure

**B. Security implementation**

**Google**

C. Cost

D. Less availability

**Question No:156**

**(Marks:1)**

**Vu-Topper RM**

\_\_\_\_\_ is not used to extend LAN.

A. Hub

**B. Fiber modem**

**Google**

C. Repeater

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D. Bridge

**Question No:157**

**(Marks:1)**

**Vu-Topper RM**

Which types of VPNs are used for corporate connectivity across companies residing in different geographical locations?

- A. Remote access VPNs
- B. Peer-to-peer VPNs
- C. Country-to-country VPNs

**D. Site-to-site VPNs**

**Google**

**Question No:158**

**(Marks:1)**

**Vu-Topper RM**

Star topology is the kind of

- A. Tree topology
- B. Point-to-point topology**
- C. Broadcast topology
- D. Ring topology

**Page 5**

**Question No:159**

**(Marks:1)**

**Vu-Topper RM**

In a \_\_\_\_\_ state, a bridge allows simultaneous use of each segment.

- A. Ready
- B. Steady**
- C. Final
- D. Startup

**Page 51**

**Question No:160**

**(Marks:1)**

**Vu-Topper RM**

The network occupies larger areas like cities & countries is called

- A. LAN
- B. WAN**
- C. MAN
- D. All of the above

**Google**

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**Question No:161**

**(Marks:1)**

**Vu-Topper RM**

In link state routing \_\_\_\_\_ send link-state information about local connections.

A. Bridge

**B. Switches**

**Page 64**

C. Routers

D. Hubs

**Question No:162**

**(Marks:1)**

**Vu-Topper RM**

Transmission media are usually categorized as \_\_\_\_\_.

**A. Guided or unguided**

**Google**

B. Fixed or unfixd

C. Determinate or indeterminate

D. Metallic or non-metallic

**Question No:163**

**(Marks:1)**

**Vu-Topper RM**

Even parity can be used to check for \_\_\_\_\_ bit/ bits of errors.

**A. Page 18**

B. 2

C. 3

D. 0

**Question No:164**

**(Marks:1)**

**Vu-Topper RM**

Routing table entries can be \_\_\_\_\_ with a default route.

**A. Collapsed**

**Page 60**

B. Redirected

C. Emerged

D. Guaranteed

**Question No:165**

**(Marks:1)**

**Vu-Topper RM**

The system administrator must coordinate to avoid the conflict in \_\_\_\_\_ hardware addressing scheme.

A. Static

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B. Dynamic

**C. Configurable** Google

D. Fixed

**Question No:166**

**(Marks:1)**

**Vu-Topper RM**

\_\_\_\_\_ network does not depend on CSMA/CD.

A. Fast Ethernet

**B. Ethernet** Google

C. Gigabit Ethernet

D. Wireless

**Question No:167**

**(Marks:1)**

**Vu-Topper RM**

Which of the following technologies can extend the diameter of LAN medium?

A. Fiber optic

B. Repeater

C. Diameter of LAN medium is not extendable

**D. Fiber optic and Repeaters** Google

**Question No:168**

**(Marks:1)**

**Vu-Topper RM**

Connections are formed in Asynchronous transfer mode by starting values in \_\_\_\_\_ in ATM switches, as opposed to making actual electrical connections.

A. Heap

B. Stack

C. Virtual Circuit

**D. Memory locations**

**Page 67**

**Question No:169**

**(Marks:1)**

**Vu-Topper RM**

The \_\_\_\_\_ scheme must be reliable to prevent conflicts.

A. Static

**B. Dynamic** Page 34

C. Configurable

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D. Fixed

**Question No:170**

**(Marks:1)**

**Vu-Topper RM**

Metropolitan area network is used for \_\_\_\_\_.

**A. City**

**Page 55**

B. Building

C. Country

D. Continent

**Question No:171**

**(Marks:1)**

**Vu-Topper RM**

Which addressing can be only used in the local area networks?

**A. IP**

**Google**

B. Physical

C. Port

D. Protocol

**Question No:172**

**(Marks:1)**

**Vu-Topper RM**

The sharing of a \_\_\_\_\_ among the workers in an office is a goal of resource sharing.

A. Mouse

**B. Printer**

**Page 9**

C. Keyboard

D. Motherboard

**Question No:173**

**(Marks:1)**

**Vu-Topper RM**

ATM uses fixed size, small cells, 48 octet's data and \_\_\_\_\_.

A. Octets header

**B. 5 Octets header**

**Page 65**

C. 6 Octets header

D. 7 Octets header

**Question No:174**

**(Marks:1)**

**Vu-Topper RM**

Which of the followings is not an advantage of framing?

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- A. Missing not indicates sending computer crashed.
- B. Missing soh indicates receiving computer missed beginning of message.

**C. Delimiters do not contain any user data**

**Page 16**

- D. Bad frame is discarded.

**Question No:175**

**(Marks:1)**

**Vu-Topper RM**

The \_\_\_\_\_ field of Ethernet frame has the purpose of receiver synchronization.

**A. Preamble**

**Page 36**

B. Frame Type

C. Data

D. CRC

**Question No:176**

**(Marks:1)**

**Vu-Topper RM**

\_\_\_\_\_ was the first internet available for the first time.

A. ARPANAT

B. The ARPNET

C. The NET

**D. ARPANET**

**Page 9**

**Question No:177**

**(Marks:1)**

**Vu-Topper RM**

We need packets rather than bits because.....

A. To compress the data

B. Packets move faster

**C. Sender and receiver need to coordinate to detect transmission errors.**

**Page 14**

D. Packets can only move between two terminals

**Question No:178**

**(Marks:1)**

**Vu-Topper RM**

When an application \_\_\_\_\_ any data, it makes a copy of the data available to all other computers on the network.

**A. Multicast**

**Page 143**

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- B. Broadcast
- C. Anycast
- D. Unicast

**Question No:179** (Marks:1) **Vu-Topper RM**  
Each computer in LAN is identified by a physical address, usually imprinted on the \_\_\_\_\_.

- A. Network interface card (NIC)** **Google**
- B. Modem
- C. Router
- D. Switch

**Question No:180** (Marks:1) **Vu-Topper RM**  
-----is a hardware device also used to connect two LAN segments to extend a LAN. Unlike a repeater, a bridge uses two NICs to connect two segments.

- A. A BRIDGES** **Page 50**
- B. FRAME FILTERING
- C. REPEATERS
- D. LAN EXTENSIONS

**Question No:181** (Marks:1) **Vu-Topper RM**  
The fiber-modem converts digital data into \_\_\_\_\_ then transmits over the optical fiber.

- A. Pulses of light** **Page 48**
- B. Kilometers
- C. Bandwidth
- D. Electrical signal

**Question No:182** (Marks:1) **Vu-Topper RM**  
The switch that has computers attached with it, is called \_\_\_\_\_ switch.

- A. Exterior** **Page 59**

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- B. Interior
- C. Packet
- D. Front

**Question No:183** (Marks:1) **Vu-Topper RM**  
\_\_\_\_\_ standard includes logical link control (LLC) sub network attachment point (SNAP) header.

- A. IEEE 802.2** Page 37
- B. IEEE 804.4
- C. IEEE 806.2
- D. IEEE 808.6

**Question No:184** (Marks:1) **Vu-Topper RM**  
Ethernet standard specifies that any two stations cannot be separated by more than \_\_\_\_\_ Repeaters.

- A. Two
- B. Four** Page 49
- C. Six
- D. Eight

**Question No:185** (Marks:1) **Vu-Topper RM**  
The basic idea behind the operation of network analyzer is a computer with a network interface that receives all frames, which is called \_\_\_\_\_.

- A. Land mode
- B. Promiscuous mode** Page 38
- C. Filter specifications
- D. Logical code

**Question No:186** (Marks:1) **Vu-Topper RM**  
\_\_\_\_\_ is a method for computing routing table information.

- A. Manual entry
- B. Static routing** Page 62

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- C. Boot time routing
- D. None of the above

**Question No:187** (Marks:1) **Vu-Topper RM**

ATM header is about \_\_\_\_\_ of the cell.

- A. 5%
- B. 10% Page 66**
- C. 15%
- D. 20%

**Question No:188** (Marks:1) **Vu-Topper RM**

To model a WAN, we use a graph in which the nodes model switches and the edges model direct connection between \_\_\_\_\_.

- A. Switches Page 59**
- B. Interior
- C. Packet
- D. Front

**Question No:189** (Marks:1) **Vu-Topper RM**

Most LANs that employ ring topology use an access mechanism known as-----

- A. CSMA/CD
- B. CSMA/CA
- C. CSMA
- D. TOKEN PASSING Google**

**Question No:190** (Marks:1) **Vu-Topper RM**

An -----method, the network hardware designers specify how type information is included in the frame and the value use to identify various frame types.

- A. Explicit frame type Google**
- B. Ideal frame type
- C. Implicit frame type

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D. None of the given

**Question No:191**

**(Marks:1)**

**Vu-Topper RM**

Hardware that calculates a CRC uses two simple components \_\_\_\_\_

**A. Shift register and XOR unit** **Google**

B. AND unit and XOR unit

C. Shift register & AND unit

D. Shift register and shift XOR unit

**Question No:192**

**(Marks:1)**

**Vu-Topper RM**

In FDDI, in case of a station failure, remaining stations loop back and \_\_\_\_\_

A. Collision will occur

B. Data frames are discarded

**C. Re-route data through spare ring** **Page 31**

D. Re-transmit data through the same ring

**Question No:193**

**(Marks:1)**

**Vu-Topper RM**

\_\_\_\_\_ is a tool that sends a message to a remote computer and reports whether the computer responds.

A. TCP

**B. Ping** **Google**

C. Flag

D. Fragment offset

**Question No:194**

**(Marks:1)**

**Vu-Topper RM**

The Fast Ethernet hardware operates at a rate of \_\_\_\_\_.

A. 10Mbps

B. 1000bps

**C. 100Mbps** **Page27**

D. 1000Mbps

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**Question No:195**

**(Marks:1)**

**Vu-Topper RM**

In a ping command result, time denotes the \_\_\_\_\_.

- A. RTT**      **Google**
- B. BRT
- C. TLT
- D. TTL

**Question No:196**

**(Marks:1)**

**Vu-Topper RM**

The number of connections needed for 8 computers in direct point to point communication is equal to \_\_\_\_\_.

- A. 28**      **Google**
- B. 8
- C. 7
- D. 26

**Question No:197**

**(Marks:1)**

**Vu-Topper RM**

If a computer on the network shares resources for others to use, it is called \_\_\_\_\_

- A. Server**      **Google**
- B. Client
- C. Mainframe

**Question No:198**

**(Marks:1)**

**Vu-Topper RM**

ISO stands for

- A. International Standard Organization**      **Google**
- B. International Student Organization
- C. Integrated Services Organization

**Question No:199**

**(Marks:1)**

**Vu-Topper RM**

ISO OSI model is used in

- A. Standalone PC
- B. Network environment**      **Google**

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**Question No:200** (Marks:1)

**Vu-Topper RM**

Network cable lies on \_\_\_\_\_ layer

- A. Application
- B. Network
- C. Physical**

**Question No:201** (Marks:1)

**Vu-Topper RM**

ISDN is an example of \_\_\_\_\_ network

- A. Circuit switched**
- B. Packet switched

**Question No:202** (Marks:1)

**Vu-Topper RM**

X.25 is an example of \_\_\_\_\_ network

- A. Circuit switched
- B. Packet switched**

**Question No:203** (Marks:1)

**Vu-Topper RM**

\_\_\_\_\_ allows LAN users to share computer programs and data.  
Communication server

- A. Print server
- B. File server**

**Question No:204** (Marks:1)

**Vu-Topper RM**

Print server uses \_\_\_\_\_ which is a buffer that holds data before it is send to the printer.

- A. Queue
- B. Spool**
- C. Node

**Question No:205** (Marks:1)

**Vu-Topper RM**

A standalone program that has been modified to work on a LAN by including concurrency controls such as file and record locking is an example of \_\_\_\_\_

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**A. LAN intrinsic software**

B. LAN aware software

C. Groupware

D. LAN ignorant software

**Question No:206**

**(Marks:1)**

**Vu-Topper RM**

The \_\_\_\_\_ portion of LAN management software restricts access, records user activities and audit data etc.

A. Configuration management

**B. Security management**

C. Performance management

**Question No:207**

**(Marks:1)**

**Vu-Topper RM**

What is the max cable length of STP?

A. 100 ft

B. 200 ft

**C. 200 m**

**Question No:208**

**(Marks:1)**

**Vu-Topper RM**

What is the max data capacity of STP?

A. 10 mbps

**B. 100 mbps**

C. 1000 mbps

D. 10000 mbps

**Question No:209**

**(Marks:1)**

**Vu-Topper RM**

What is the central device in star topology?

A. STP server

**B. Hub/switch**      **Google**

C. PDC

D. Router

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Question No:210

(Marks:1)

Vu-Topper RM

PVC stands for \_\_\_\_\_.

- A. Public virtual circuit
- B. Plastic virtual circuit
- C. Private virtual circuit

**D. PERMANENT VIRTUAL CIRCUITS** Page 69

Question No:211

(Marks:1)

Vu-Topper RM

The CSMA/CD mechanism does not work with \_\_\_\_\_.

- A. Long delays.** Page 49
- B. Less cable length.
- C. High throughput.
- D. Two Ethernet segments.

Question No:212

(Marks:1)

Vu-Topper RM

\_\_\_\_\_ Networks are sometimes called Intranet.

- A. LAN
- B. Public
- C. Virtual

**D. Private** Page 73

Question No:213

(Marks:1)

Vu-Topper RM

Which one is a method for building routing tables?

- A. Program
- B. Manual entry** Page 62
- C. Graph algorithm
- D. Store and forward

Question No:214

(Marks:1)

Vu-Topper RM

Point-to-point topology is

- A. Size Based

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**B. Connectivity based**

**Page 5**

C. Mobility Based

D. Medium Based

**Question No:215**

**(Marks:1)**

**Vu-Topper RM**

Parity check is usually used to detect \_\_\_\_\_ bit error(s).

**A.1 Page 18**

B. 2

C. 3

D. 4

**Question No:216**

**(Marks:1)**

**Vu-Topper RM**

Star topolgy is the kind of

**A. Tree topology Google**

B. Ring topology

C. Broadcast topology

D. Point-to-point topolgy

**Question No:217**

**(Marks:1)**

**Vu-Topper RM**

The \_\_\_\_\_ field of Ethernet frame has the purpose of Frame payload.

A. Preamble

B. Frame Type

C. CRC

**D. Data**

**Question No:218**

**(Marks:1)**

**Vu-Topper RM**

Which is the incorrect statement about 'Repeaters'?

A. A repeater listens to all traffic and recognizes frame format.

B. Every repeater introduces a delay in the network.

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C. Maximum cable length cannot be increased as many times by repeaters.

**D. One repeater doubles, two repeaters triple the maximum cable length limitation.**

Question No:219

(Marks:1)

Vu-Topper RM

Which is the incorrect statement about 'Bridge'?

**A. Bridges do not recognize frame formats, they just amplify and retransmit the electrical signal.**

B. A bridge listens to all traffic and recognizes frame format.

C. A bridge uses two NICs to connect two segments.

D. A bridge is more intelligent than repeater.

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