

CS206 MIDTERM MCQS

LMS HANDLING AND FILES 0336 0668195

[JOIN Virtual University Whatsapp Group Click Here](#)

Q.1 In the context of network security, AAA stands for _____.

- A. **Authentication, Authorization, and Accounting**
 - B. Authentication, Authorization, and Agility
 - C. None of the given
 - D. Automobile Association of America
-

Q.2 In the context of networks, AAA stands for _____.

- A. Authentication, Authorization, and Agility
 - B. **Authentication, Authorization, and Accounting**
 - C. Atomicity, Authority and Accountability
 - D. None of the given
-

Q.3 _____ specifically refers to three areas of security in computer networks.

- A. CCC model
 - B. **AAA model**
 - C. None of the given
 - D. BBB model
-

Q.4 The usernames and passwords can be listed on a specific server called _____ .

- A. None of the given
 - B. Application Server
 - C. Web Server
 - D. **Authentication Server**
-

Q.5 Point to point protocol is _____ layer protocol.

- A. Transport
 - B. **Data Link**
 - C. Application
 - D. Session
-

Q.6 _____ means the process of recording and reporting events that occur as part of the authorization and authentication processes.

- A. Authorization
 - B. Access
 - C. Authentication
 - D. **Accounting**
-

Q.7 The Subnetting _____ .

- A. **Provides better utilization of IP addresses**
 - B. None of the Given
 - C. Increases the number of IP addresses
 - D. Provides better security for IP networks
-

CS206 MIDTERM MCQS

LMS HANDLING AND FILES 0336 0668195

[JOIN Virtual University Whatsapp Group Click Here](#)

Q.8 Wireshark captures and decodes the network frames of any host running on _____.

- A. **Either Wireless or Wired**
 - B. Wireless Network only
 - C. None of the given
 - D. Wired Network only
-

Q.9 The telephone generates analog signals ranging from _____.

- A. 0 to 8000 Hz
 - B. **0 to 4000 Hz**
 - C. 0 to 6000 Hz
 - D. 0 to 5000 Hz
-

Q.10 _____ is (are) part of point to point protocol.

- A. None of the Given
 - B. CHAP
 - C. PAP
 - D. **Both PAP and CHAP**
-

CS206 MIDTERM MCQS

LMS HANDLING AND FILES 0336 0668195

[JOIN Virtual University Whatsapp Group Click Here](#)

Q.1 In TCP header the option field header contains _____ range of bits.

- A. 0 to 30
 - B. **0 to 32**
 - C. 0 to 31
 - D. 0 to 35
-

Q.2 In establishing a TCP connection, the TCP handshake includes all steps EXCEPT

- A. ACK
 - B. **RET**
 - C. None of the given
 - D. SYN
-

Q.3 In computer networks, PAP stands for _____.

- A. Password Authentication Process
 - B. **Password Authentication Protocol**
 - C. Peer Authentication Process
 - D. Peer Authentication Protocol
-

Q.4 The telephone generates analog signals ranging from _____.

- A. 0 to 5000 Hz
 - B. 0 to 6000 Hz
 - C. 0 to 8000 Hz
 - D. **0 to 4000 Hz**
-

Q.5 You can surf the Internet over the cable, make all the phone calls you want over your telephone line and can watch TV at the same time by using _____.

- A. **DSL**
 - B. None of the given
 - C. Modem
 - D. CATV
-

Q.6 Usually, the _____ is a secret string of text that only you are supposed to know.

- A. Encryption Key
 - B. Secret Key
 - C. **Password**
 - D. Cipher Key
-

Q.7 _____ receives the packet, extracts the encrypted original packet, decrypts the packet and then forwards the packet to the original destination.

- A. **VPN Concentrator**
 - B. VPN Client Software
 - C. None of the given
 - D. VPN Device
-

CS206 MIDTERM MCQS

LMS HANDLING AND FILES 0336 0668195

[JOIN Virtual University Whatsapp Group Click Here](#)

Q.8 The usernames and passwords can be listed on a specific server called _____ .

- A. Application Server
- B. Web Server
- C. **Authentication Server**
- D. None of the given

Q.9 Modulation/demodulation is performed by the device _____ .

- A. Hub
 - B. Router
 - C. **Modem**
 - D. Switch
-

Q.10 The Subnetting _____ .

- A. Provides better security for IP networks
 - B. Increases the number of IP addresses
 - C. None of the Given
 - D. **Provides better utilization of IP addresses**
-

CS206 MIDTERM MCQS

LMS HANDLING AND FILES 0336 0668195

[JOIN Virtual University Whatsapp Group Click Here](#)

Q.1 In the context of network security, AAA stands for _____.

- A. **Authentication, Authorization, and Accounting**
 - B. Authentication, Authorization, and Agility
 - C. None of the given
 - D. Automobile Association of America
-

Q.2 _____ is specifically used for web traffic.

- A. POP3
 - B. FTP
 - C. SMTP
 - D. **HTTP**
-

Q.3 DSL stands for _____.

- A. Digital Speed Loop
 - B. Digital Supper Line
 - C. Digital Star Loop
 - D. **Digital Subscriber Line**
-

Q.4 To protect against password theft, _____ does not send the password as clear-text.

- A. ARP
 - B. **CHAP**
 - C. RARP
 - D. PAP
-

Q.5 In the context of networks, AAA stands for _____.

- A. Authentication, Authorization, and Agility
 - B. **Authentication, Authorization, and Accounting**
 - C. Atomicity, Authority and Accountability
 - D. None of the given
-

Q.6 Point to point protocol is _____ layer protocol.

- A. Application
 - B. **Data Link**
 - C. Session
 - D. Transport
-

Q.7 In TCP header the option field header contains _____ range of bits.

- A. **0 to 32**
- B. 0 to 35
- C. 0 to 31
- D. 0 to 30

CS206 MIDTERM MCQS

LMS HANDLING AND FILES 0336 0668195

[JOIN Virtual University Whatsapp Group Click Here](#)

Q.8 In establishing a TCP connection, the TCP handshake includes all steps EXCEPT

- A. RET
 - B. None of the given
 - C. ACK
 - D. SYN
-

Q.9 Which one of the following statement is false about Wireshark software?

- A. It works on both Wireless or Wired network
 - B. It is a network packet analyzer
 - C. It captures network traffic
 - D. **It is not a network packet analyzer**
-

Q.10 To decrypt the data, you need a secret password specifically called as_____.

- A. Frame Check Sequence
 - B. **Encryption Key**
 - C. Encryption Equation
 - D. Cyclic Redundancy Check
-

CS206 MIDTERM MCQS

LMS HANDLING AND FILES 0336 0668195

[JOIN Virtual University Whatsapp Group Click Here](#)

Q.1 How does the switch handle multiple frames to prevent collisions?

- A. It discards two of the frames and sends only one.
 - B. It sends all frames at once and relies on error correction.
 - C. **It uses buffers to temporarily store frames and sends them one by one.**
 - D. It broadcasts all frames simultaneously.
-

Q.2 A computer network is a combination of _____.

- A. Software and cabling
 - B. Hardware and software
 - C. **Hardware, software and cabling**
 - D. Hardware and cabling
-

Q.3 _____ is a string of characters that uniquely identifies a website.

- A. Both of the given
 - B. **URL**
 - C. None of the Given
 - D. Web Address
-

Q.4 Devices in a network send bits in groups, generally called _____.

- A. **Packets**
 - B. Containers
 - C. Bundles
 - D. Groups
-

Q.5 The carrier sense multiple access collision detection (CSMA/CD) algorithm is implemented by _____ protocol.

- A. TCP
 - B. WWW
 - C. **ETHERNET**
 - D. UDP
-

Q.6 _____ is responsible for the switch, as well as any other hardware and software used to create a network utility for the customers.

- A. Server Guy
 - B. Switching Guy
 - C. **Network Guy**
 - D. Cabling Guy
-

Q.7 What type of MAC address is used to represent an individual NIC on a LAN?

- A. Broadcast MAC address
 - B. Multicast MAC address
 - C. Anycast MAC address
 - D. **Unicast MAC address**
-
-

CS206 MIDTERM MCQS

LMS HANDLING AND FILES 0336 0668195

[JOIN Virtual University Whatsapp Group Click Here](#)

Q.8 What does a switch use to make decisions about where to forward frames?

- A. Port number table
- B. Subnet mask table
- C. **MAC address table**
- D. IP address table

Q.9 In the context of computer networks, IETF specifically stands for _____.

- A. **Internet Engineering Task Force**
 - B. Internet Electrical Task Force
 - C. International Engineering Task Force
 - D. Internal Engineering Task Force
-

Q.10 Basically WAN follows the rules/standards developed by _____.

- A. **ITU**
 - B. IETF
 - C. IEEE
 - D. RFC
-

CS206 MIDTERM MCQS

LMS HANDLING AND FILES 0336 0668195

[JOIN Virtual University Whatsapp Group Click Here](#)

Q.1 _____ is an example of computer network.

- A. Enterprise WAN
 - B. **Both Enterprise WAN and Internet**
 - C. Internet
 - D. None of the given
-

Q.2 _____ provides connection among enterprises, individual home users and other ISPs.

- A. International Service provider
 - B. Interior Service Provider
 - C. **Internet Service Provider**
 - D. Exterior Service Provider
-

Q.3 A device which receives an electrical signal and repeats it on all the ports is _____ .

- A. **Hub**
 - B. Router
 - C. Switch
 - D. None of the Given
-

Q.4 Shielded twisted pair is an example of _____ .

- A. **Twisted pair**
 - B. None of the given
 - C. Fiber optic cable
 - D. Coaxial cable
-

Q.5 <p>_____ provide services to companies and individuals to connect them to the Internet.</p>

- A. <p>WANS</p>
 - B. <p>Enterprise WAN</p>
 - C. <p>LANs</p>
 - D. **<p>ISPs</p>**
-

Q.6 Router is basically a _____ device.

- A. **WAN device**
 - B. Broadcast
 - C. None of given
 - D. LAN device
-

Q.7 Basically, LAN follows the rules/standards developed by _____ .

- A. **RFC**
 - B. IEEE
 - C. ITU
 - D. IETF
-

CS206 MIDTERM MCQS

LMS HANDLING AND FILES 0336 0668195

[JOIN Virtual University Whatsapp Group Click Here](#)

Q.8 _____ is responsible for the switch, as well as any other hardware and software used to create a network utility for the customers.

- A. Network Guy
 - B. Server Guy
 - C. Cabling Guy
 - D. **Switching Guy**
-

Q.9 Basically WAN follows the rules/standards developed by _____.

- A. IEEE
 - B. **ITU**
 - C. RFC
 - D. IETF
-

Q.10 _____ is world's most popular LAN standard.

- A. IEEE802.12(g)
 - B. **Ethernet**
 - C. ANSI
 - D. ISO
-

CS206 MIDTERM MCQS

LMS HANDLING AND FILES 0336 0668195

[JOIN Virtual University Whatsapp Group Click Here](#)

Q.1 _____ is responsible for the switch, as well as any other hardware and software used to create a network utility for the customers.

- A. Server Guy
 - B. **Network Guy**
 - C. Cabling Guy
 - D. Switching Guy
-

Q.2 If the frame check sequence calculated at the sender is same on the receiver then it means data is _____.

- A. Altered
 - B. Erroneous
 - C. Suspicious
 - D. **Error free**
-

Q.3 A device which receives an electrical signal and repeats it on all the ports is _____.

- A. **Hub**
 - B. Router
 - C. None of the Given
 - D. Switch
-

Q.4 _____ provide services to companies and individuals to connect them to the Internet.

- A. LANs
 - B. **ISPs**
 - C. Enterprise WAN
 - D. WANs
-

Q.5 How does a switch avoid collisions when the output port is busy in a LAN using CSMA/CD?

- A. It redirects the frame to another port.
 - B. It sends the frame regardless of collisions.
 - C. **It buffers the frame until the output port is free.**
 - D. It drops the frame to prevent collisions.
-

Q.6 What type of MAC address is used to represent an individual NIC on a LAN?

- A. Broadcast MAC address
 - B. Multicast MAC address
 - C. **Unicast MAC address**
 - D. Anycast MAC address
-

Q.7 In the context of computer networks, IETF specifically stands for _____.

- A. Internet Electrical Task Force
 - B. International Engineering Task Force
 - C. **Internet Engineering Task Force**
 - D. Internal Engineering Task Force
-

CS206 MIDTERM MCQS

LMS HANDLING AND FILES 0336 0668195

[JOIN Virtual University Whatsapp Group Click Here](#)

Q.8 How does the switch handle multiple frames to prevent collisions?

- A. It discards two of the frames and sends only one.
- B. **It uses buffers to temporarily store frames and sends them one by one.**
- C. It sends all frames at once and relies on error correction.
- D. It broadcasts all frames simultaneously.

Q.9 A Virtual LAN is a broadcast domain created by _____ .

- A. **Switch**
 - B. Hub
 - C. None of the Given
 - D. Router
-

Q.10 Physical address (MAC) that uniquely identifies a machine for communication is of _____ bits.

- A. 16
 - B. 64
 - C. **48**
 - D. 32
-