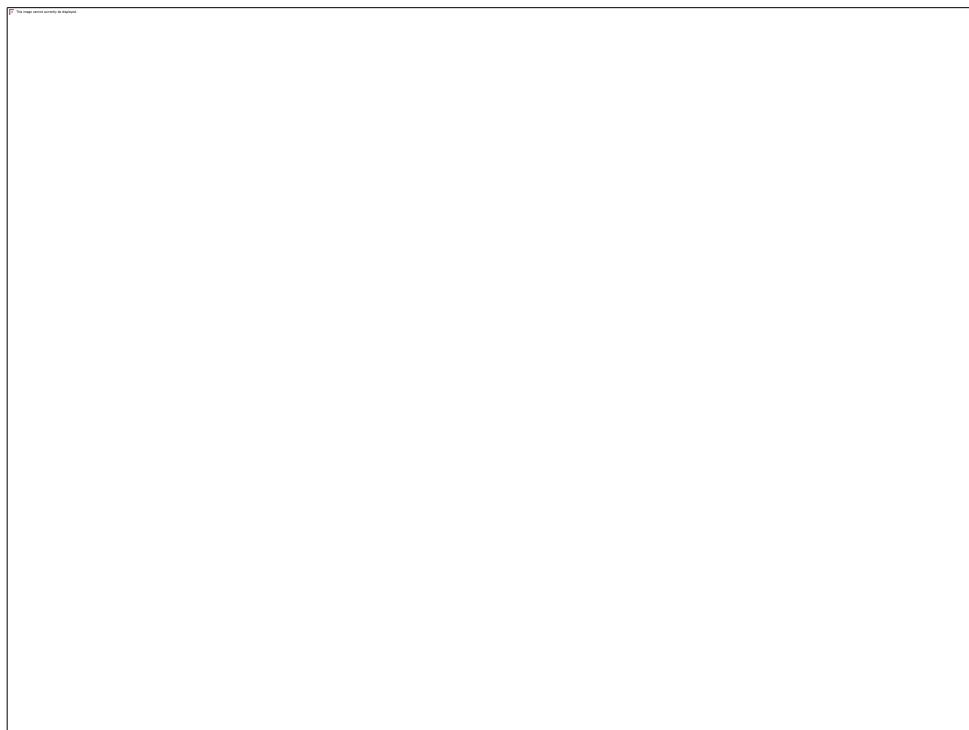


Key NWC203c

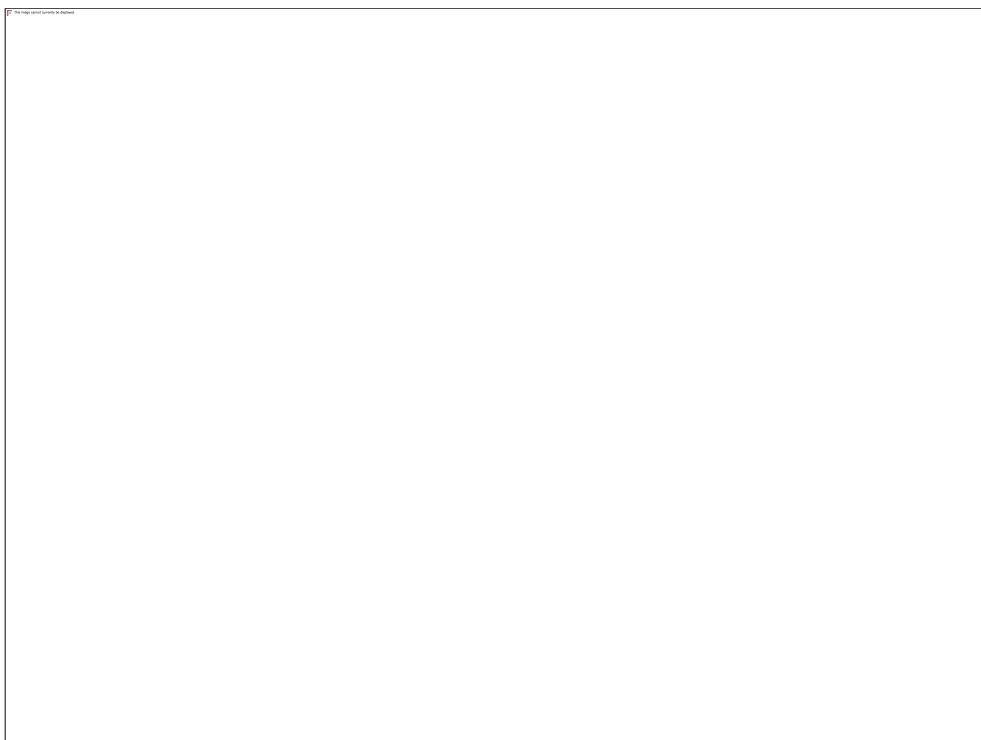
1 a



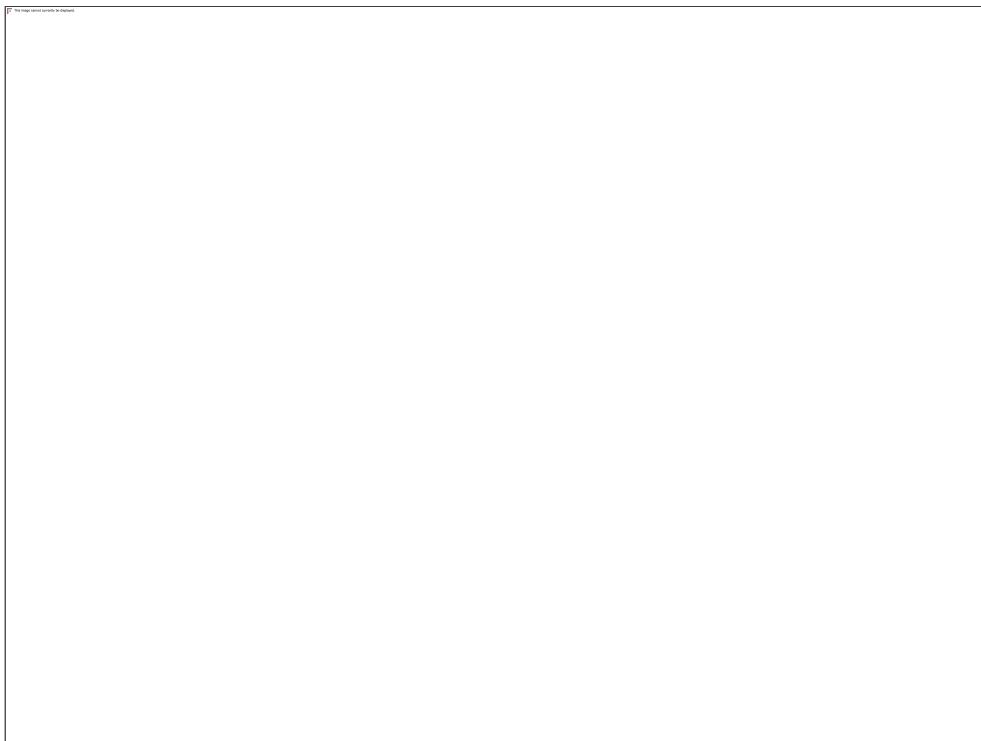
2 b



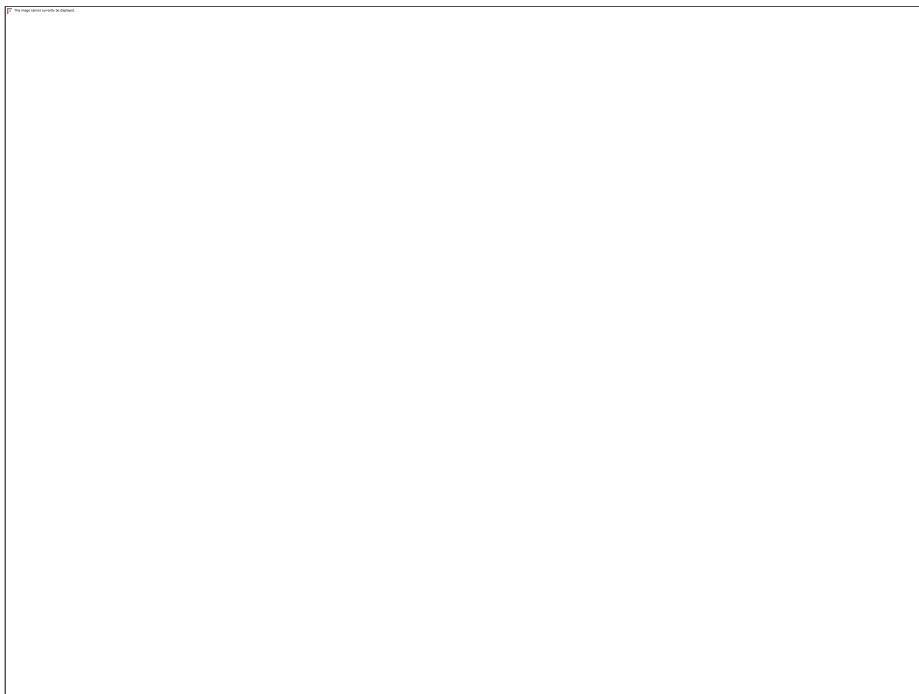
3 a



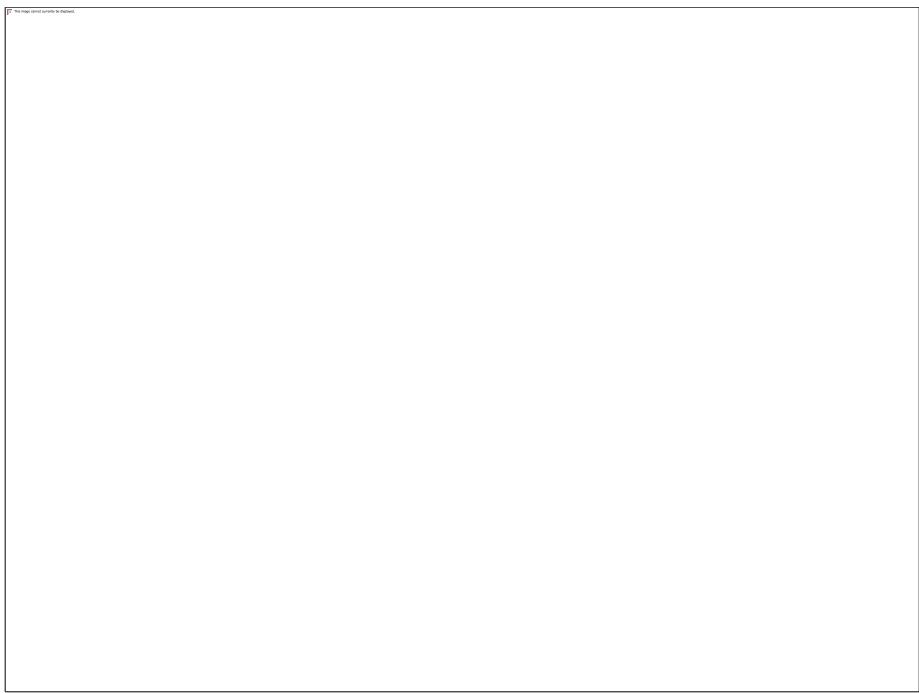
4 a



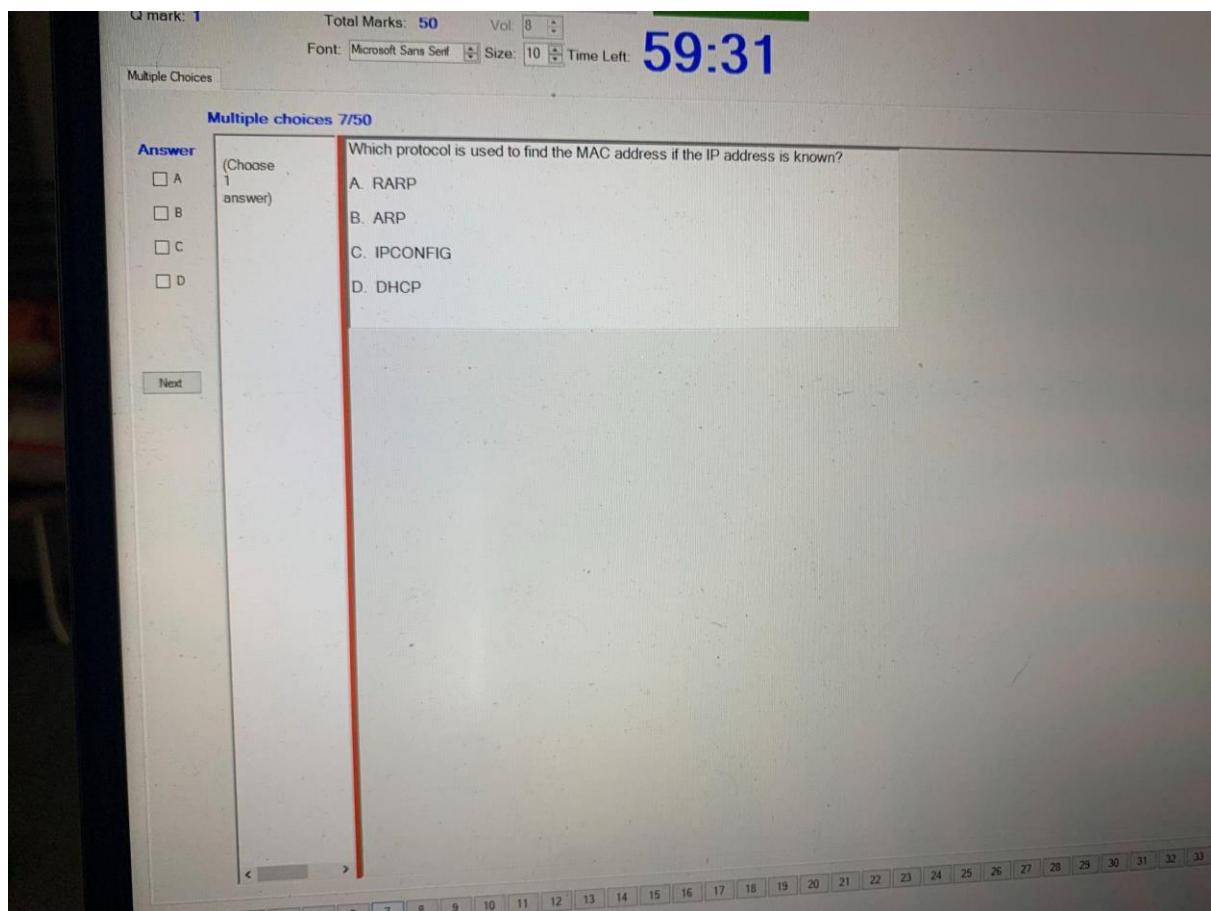
5 a



6 b

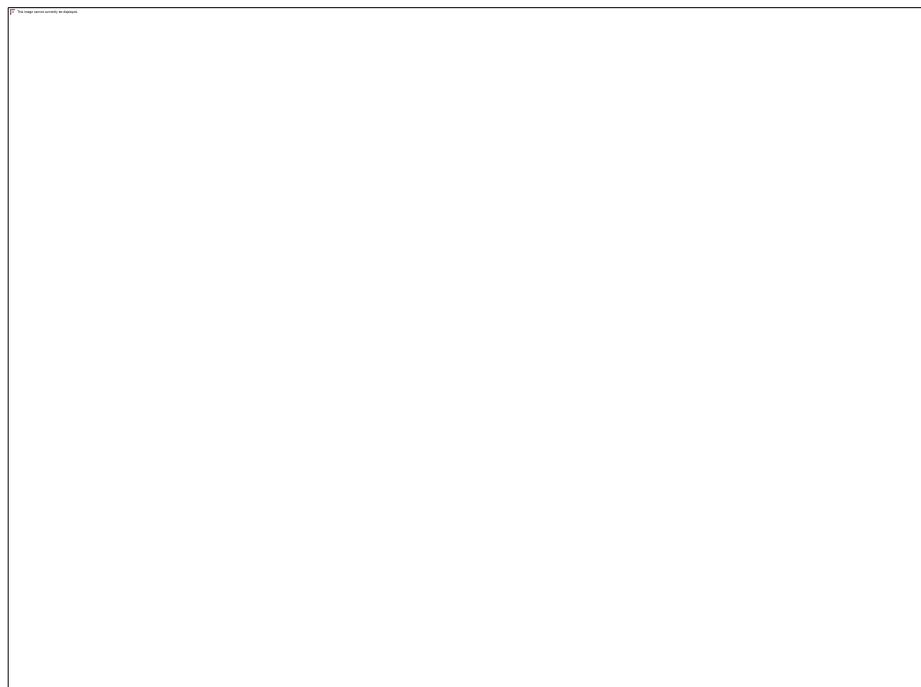


7 B



8

$$C = \frac{400}{(100 \times 10^6)} \text{ transmission delay} = L/R$$



9 peer to peer network D

Font: Microsoft Sans Serif Size: 10 Time Left: **59:25**

Multiple Choices

Multiple choices 9/50

Answer (Choose 1 answer)

A
 B
 C
 D

Next

What are two characteristics of peer-to-peer networks?

- A. scalability; one way data flow
- B. one way data flow; decentralized resources
- C. decentralized resources; centralized user accounts
- D. decentralized resources; resource sharing without a dedicated server

< >

10 C

Font: Microsoft Sans Serif Size: 10 Time Left: **59:22**

Multiple Choices

Multiple choices 10/50

Answer (Choose 1 answer)

A
 B
 C
 D

Next

Which of the following attaches antennas to wireless devices? It can also be bundled with fiber-optic cabling.

- A. UTP
- B. STP
- C. Coaxial
- D. None of the others

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

I want to finish the exam.
Finish

11 D

Font: Microsoft Sans Serif Size: 10 Time Left: 59:19

Multiple Choices

Multiple choices 11/50

Answer (Choose 1 answer)

A
 B
 C
 D

Which three layers of the OSI model provide similar network services to those provided by the application layer of the TCP/IP model?

A. physical layer; session layer; transport layer
B. application layer; session layer; transport layer
C. application layer; presentation layer; transport layer
D. application layer; presentation layer; session layer

Next

12 encapsulation process A

Font: Microsoft Sans Serif Size: 10 Time Left: 59:15

Multiple Choices

Multiple choices 12/50

Answer (Choose 1 answer)

A
 B
 C
 D

At which OSI layer is data added to a PDU during the encapsulation process?

A. application layer
B. data link layer
C. network layer
D. transport layer

Next

13 A (Which subnet would include the address 192.168.1.96 as a usable host address?)

Q mark: 1 Total Marks: 50 Vol: 8
Font: Microsoft Sans Serif Size: 10 Time Left: 59:10

Multiple Choices

Multiple choices 13/50

Answer

A (Choose 1 answer)

B

C

D

Which subnet would include the address 192.168.1.96 as a usable host address?

- A. 192.168.1.64/26
- B. 192.168.1.32/27
- C. 192.168.1.32/28
- D. 192.168.1.64/29

Next

14 C

Multiple Choices

Multiple choices 14/50

Answer

A (Choose 1 answer)

B

C

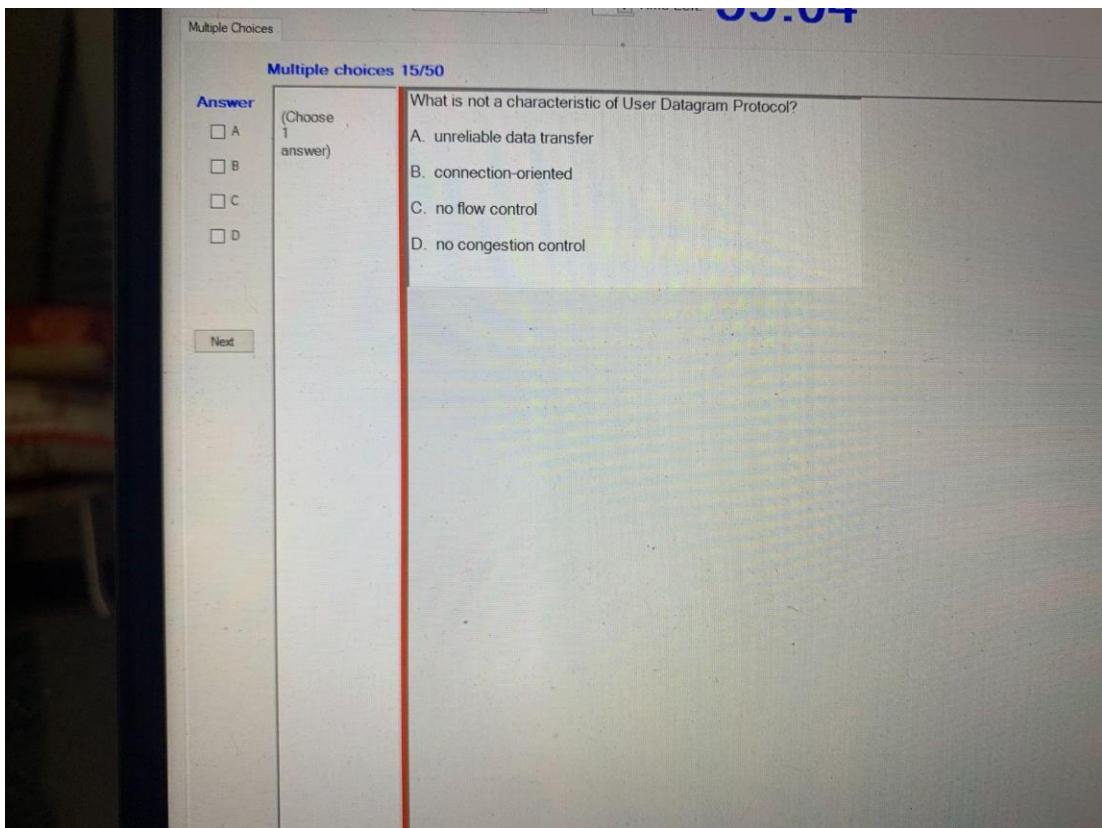
D

What happen if 2 hosts are assigned with 2 IP addresses belong to 2 different IP network address ranges?

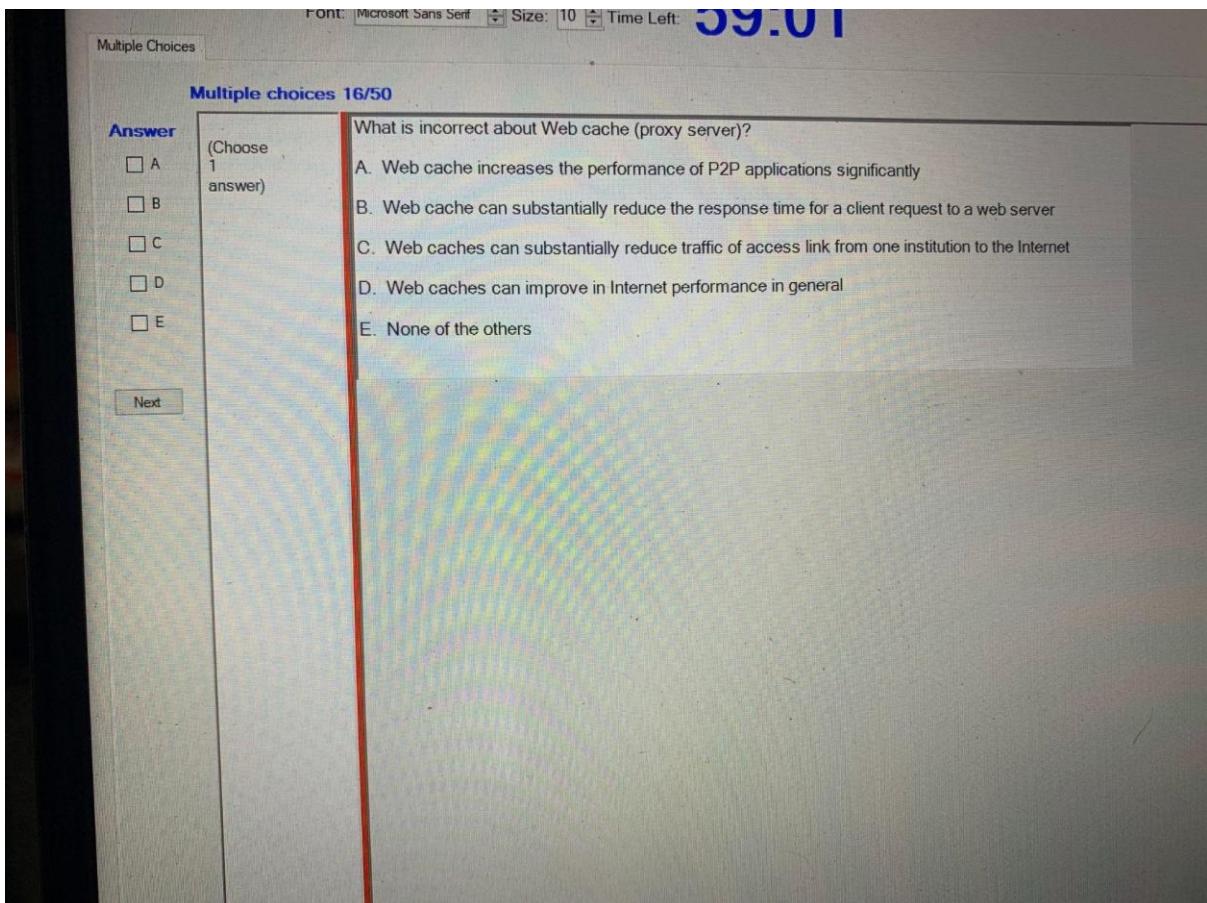
- A. The switch must be used to connect 2 hosts in order to let them communicate with each other.
- B. Those 2 hosts cannot communicate over IP network.
- C. The router must be used to connect 2 hosts in order to let them communicate with each other.
- D. Those 2 hosts can only communicate with each other only when they are connected directly by using cross-over cable.

Next

15 B



16 E



17 A

Multiple Choices

Multiple choices 17/50

Answer

(Choose 1 answer)

In link state routing, after the construction of link state packets new routes are computed using

- A. Dijkstra's algorithm
- B. Bellman Ford algorithm
- C. Leaky bucket algorithm
- D. None of the others

Next



18 B(Which two fields are included in the TCP header but not in the UDP header?)

Multiple choices 18/50

Answer

(Choose 1 answer)

Which two fields are included in the TCP header but not in the UDP header?

- A. window; checksum
- B. window; sequence number
- C. checksum; source port
- D. source port; destination port

Next



19 what is the prefix ... 255.255.255.224 → /27

Duration: **60 minutes** Open Code: Show Question
Q mark: **1** Total Marks: **50** Vol: **8**
Font: Microsoft Sans Serif Size: **10** Time Left: **58:52**

Multiple Choices

Multiple choices 19/50

Answer (Choose 1 answer)

A
 B
 C
 D

Next

What is the prefix length notation for the subnet mask 255.255.255.224?

- A. /25
- B. /26
- C. /27
- D. /28

20 D (Which two types of applications are best suited for UDP?)

Multiple Choices

Multiple choices 20/50

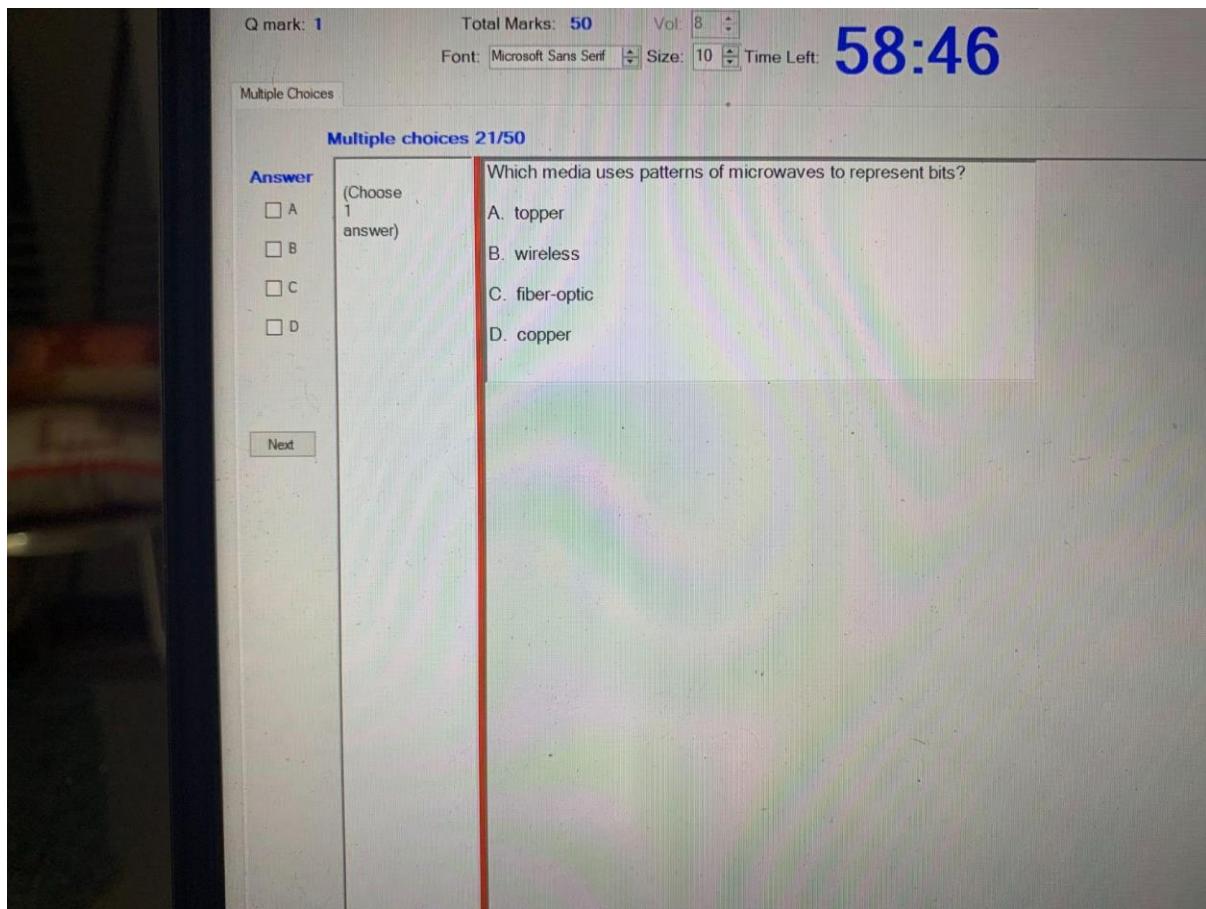
Answer (Choose 1 answer)

A
 B
 C
 D

Next

Which two types of applications are best suited for UDP?

- A. applications that need data flow control; applications that require reliable delivery
- B. applications that handle reliability themselves; applications that need the reordering of segments
- C. applications that require reliable delivery; applications that handle reliability themselves
- D. applications that handle reliability themselves; applications that can tolerate some data loss, but require little or no delay



22 A (Which OSI layer provides the interface between the applications used to communicate and the underlying network over which messages are transmitted?)

Font: Microsoft Sans Serif | Size: 10 | Time Left: 00:42

Multiple Choices

Multiple choices 22/50

Answer

A
 B
 C
 D

(Choose 1 answer)

Which OSI layer provides the interface between the applications used to communicate and the underlying network over which messages are transmitted?

A. Application
B. Presentation
C. Session
D. Transport

Next

23 A

Multiple choices 23/50

Answer

A
 B
 C
 D

(Choose 1 answer)

Polling is a scheduling approach for dynamic medium access control. Which of following statements are correct?

A. All of them
B. Polling can provide fairness through regulated access opportunities
C. Polling can provide bounds on access delay to the shared medium
D. Polling performance can deteriorate with large delay-bandwidth product

Next

24 E

Font: Microsoft Sans Serif Size: 10 Time Left: 5:45

Multiple Choices

Multiple choices 24/50

Answer

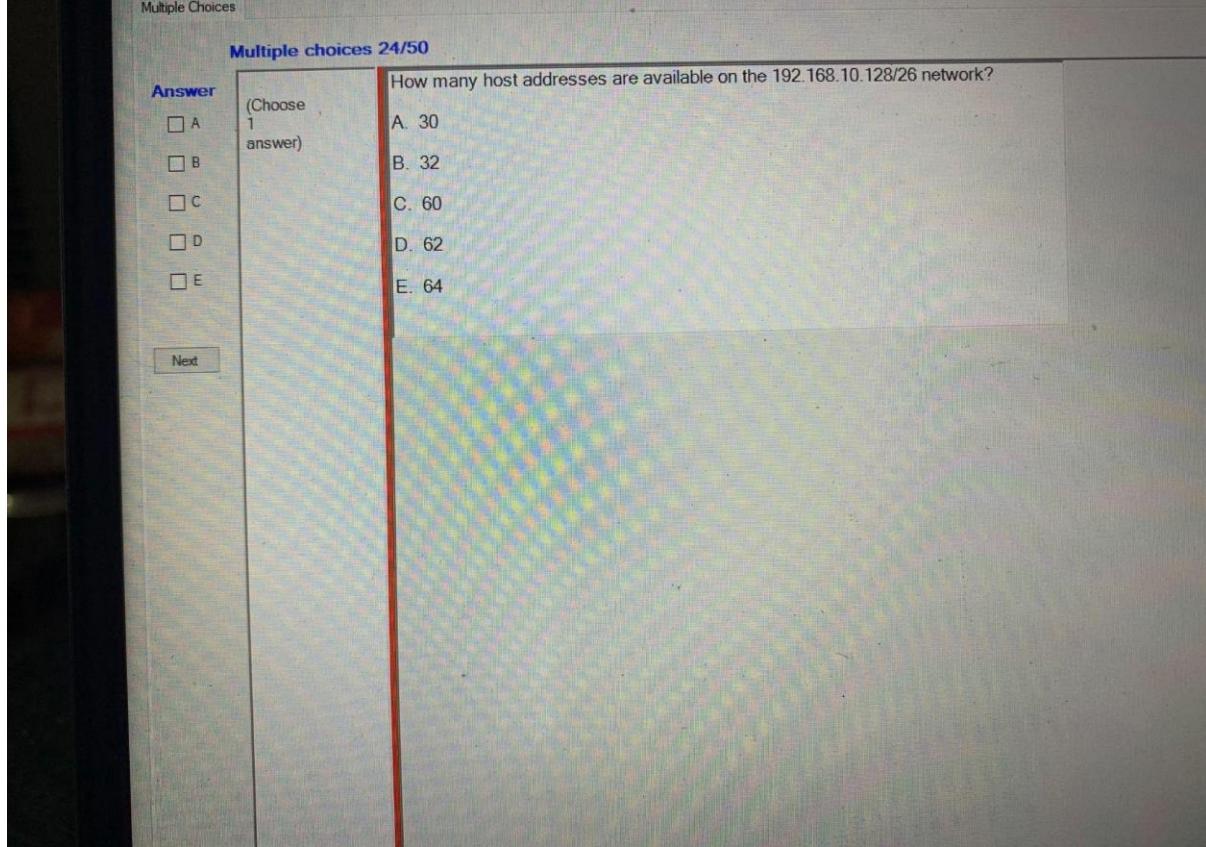
A
 B
 C
 D
 E

(Choose 1 answer)

How many host addresses are available on the 192.168.10.128/26 network?

A. 30
B. 32
C. 60
D. 62
E. 64

Next



25 D

Multiple Choices

Multiple choices 25/50

Answer

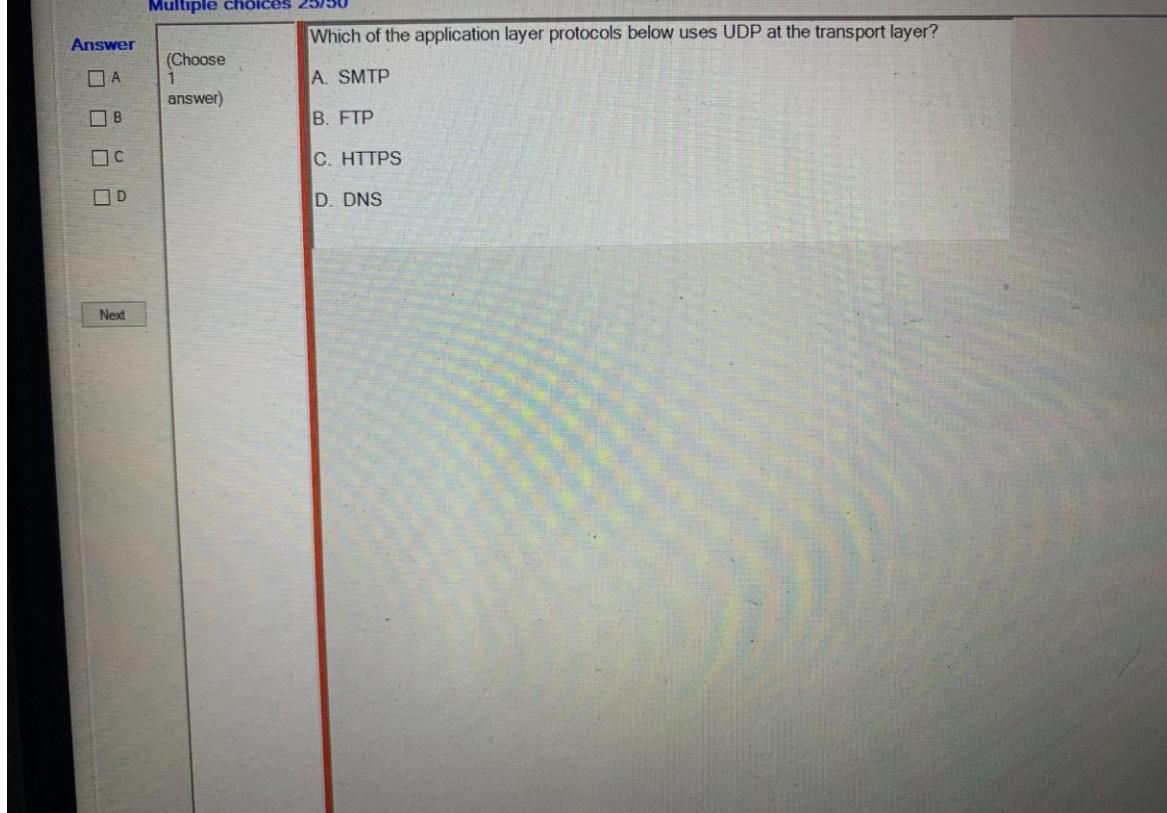
A
 B
 C
 D

(Choose 1 answer)

Which of the application layer protocols below uses UDP at the transport layer?

A. SMTP
B. FTP
C. HTTPS
D. DNS

Next



26 B

Choices

Multiple choices 26/50

Answer	(Choose 1 answer)
A	What was the concern of the telephone system that motivated the ARPANET design? A. Scalability B. Vulnerability C. Efficiency D. None of the others
B	
C	
D	

27 B (Which name is assigned to the transport layer PDU?)

Multiple Choices

Multiple choices 27/50

Answer	(Choose 1 answer)
<input type="checkbox"/> A	Which name is assigned to the transport layer PDU? A. bits B. segment C. data D. frame E. Packet
<input type="checkbox"/> B	
<input type="checkbox"/> C	
<input type="checkbox"/> D	
<input type="checkbox"/> E	

28 A (ipv6 dropped from ipv4)

D, search gg thấy nó remove hết

Multiple choices 28/50

Answer

- A
 B
 C
 D

(Choose
1
answer)

Which of following fields that IPv6 dropped from IPv4?

- A. Header length
- B. ID/flags/frag offset
- C. Header checksum
- D. All of them

Next

29 C (Medium) The ----- is the physical path over ...travels?

Multiple Choices

Multiple choices 29/50

Answer

- A
 B
 C
 D

(Choose
1
answer)

The _____ is the physical path over which a message travels

- A. Protocol
- B. Path
- C. Medium
- D. Route

Next

30 D (HTTP) Very popular browser-based email.....

ration: **60 minutes** Open Code: Show Question
mark: **1** Total Marks: **50** Vol: **8**
Font: Microsoft Sans Serif Size: **10** Time Left: **58:12**

Multiple Choices

Multiple choices 30/50

Answer

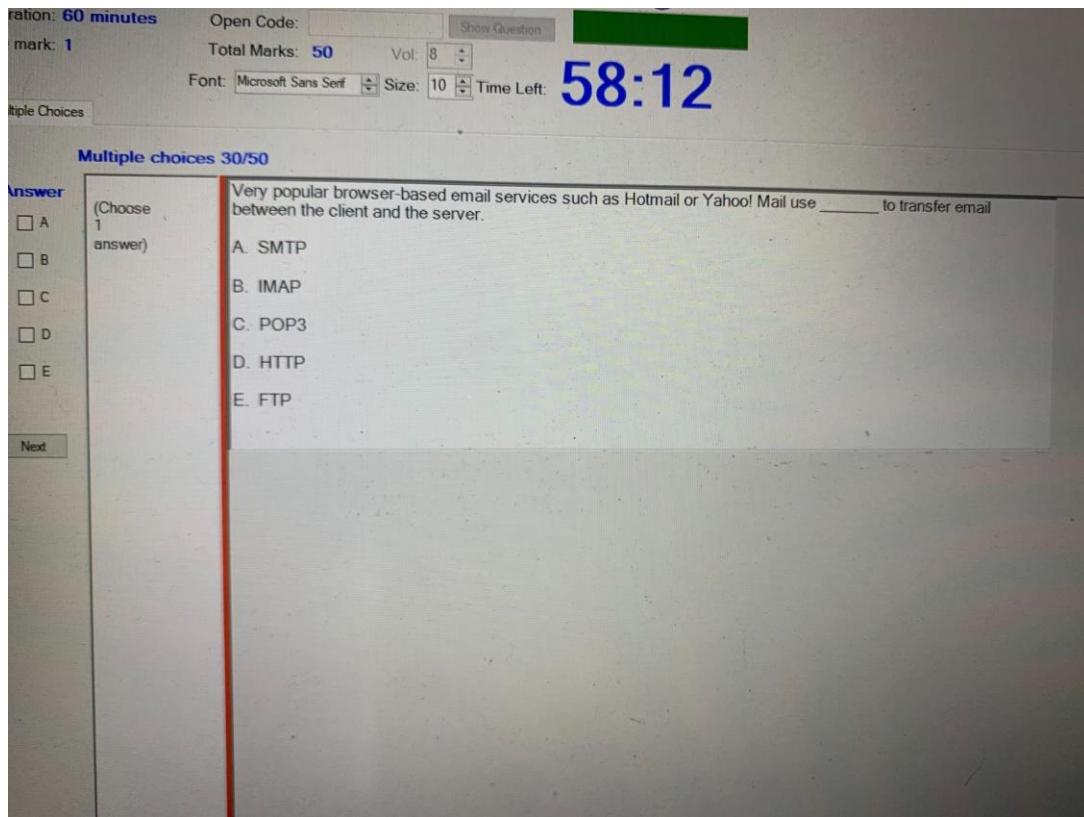
A
 B
 C
 D
 E

(Choose 1 answer)

Very popular browser-based email services such as Hotmail or Yahoo! Mail use _____ to transfer email between the client and the server.

A. SMTP
B. IMAP
C. POP3
D. HTTP
E. FTP

Next



31 E (plug-in or not)

Font: Microsoft Sans Serif Size: **10** Time Left: **58:07**

Choices

Multiple choices 31/50

Answer

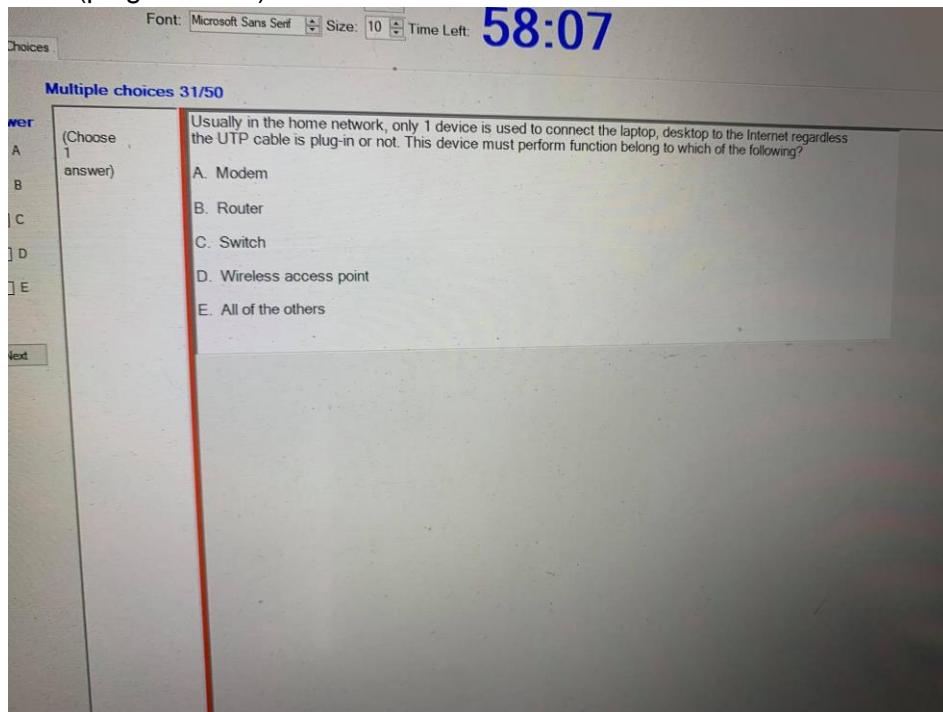
A
 B
 C
 D
 E

(Choose 1 answer)

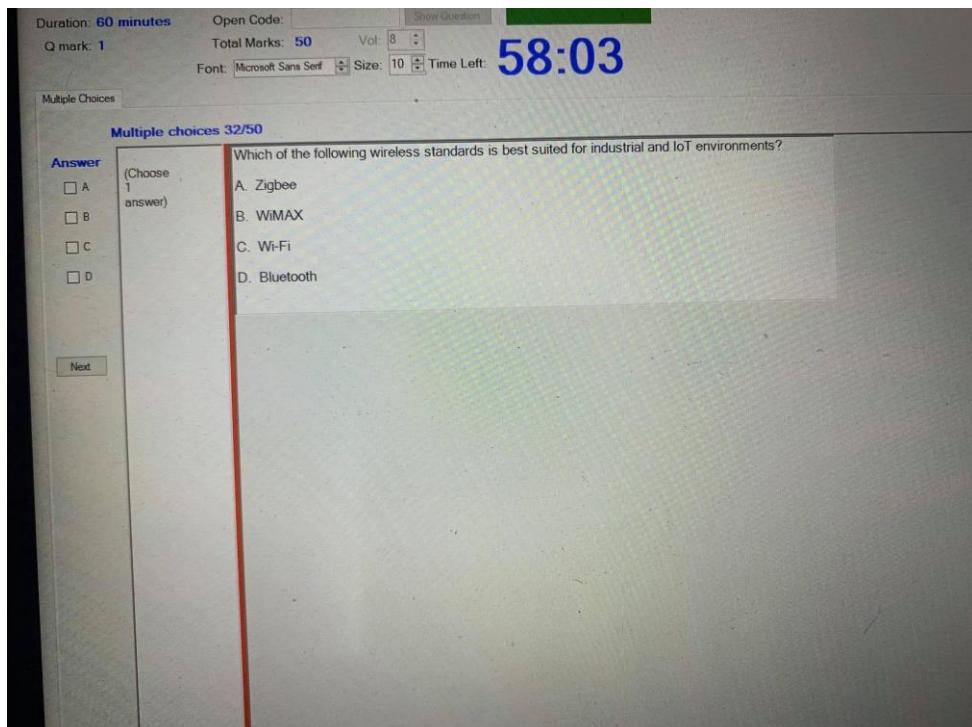
Usually in the home network, only 1 device is used to connect the laptop, desktop to the Internet regardless the UTP cable is plug-in or not. This device must perform function belong to which of the following?

A. Modem
B. Router
C. Switch
D. Wireless access point
E. All of the others

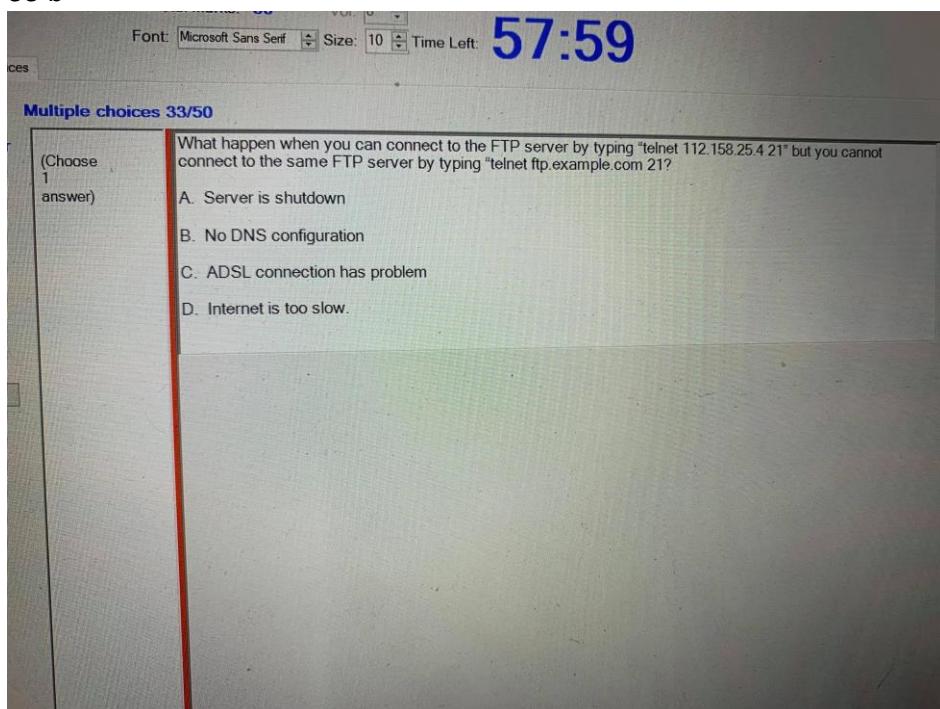
Next



32 a (WiMAX)



33 b



34 b

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Multiple Choices

Multiple choices 34/50

Answer <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D	(Choose 1 answer) Which of these is a measure of the transfer of bits across the media? A. bandwidth B. throughput C. goodput D. None of the others
---	--

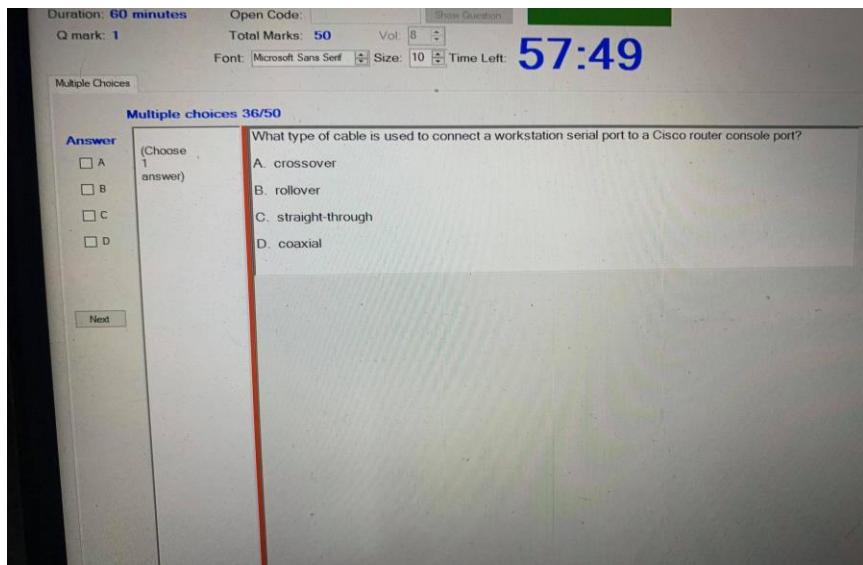
Next

35 a

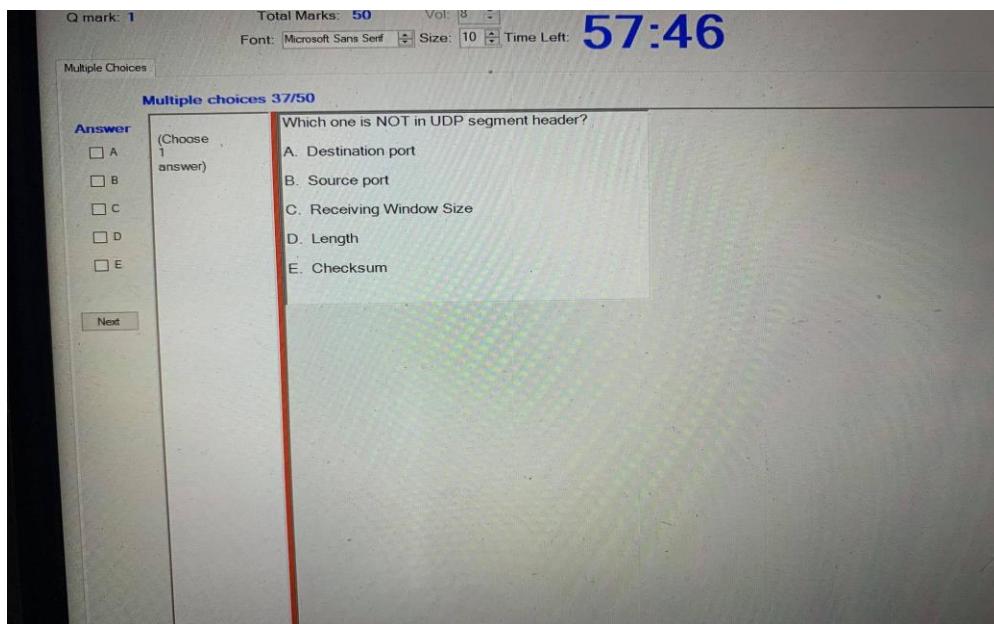
Multiple choices 35/50

Answer <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D	(Choose 1 answer) In which state, the congestion window is increased exponentially? A. Slow start B. Congestion avoidance C. Congestion control D. Exponential threshold
---	---

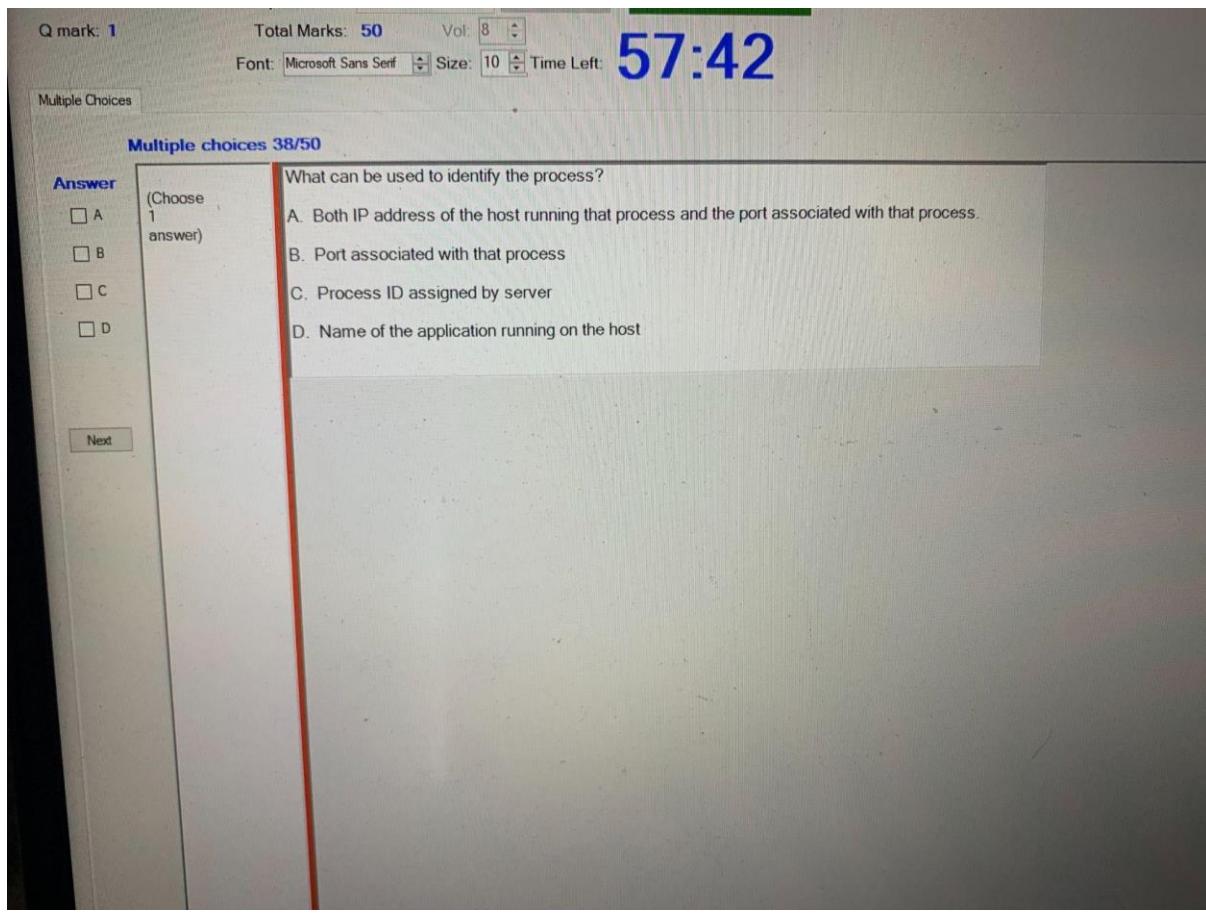
36 b



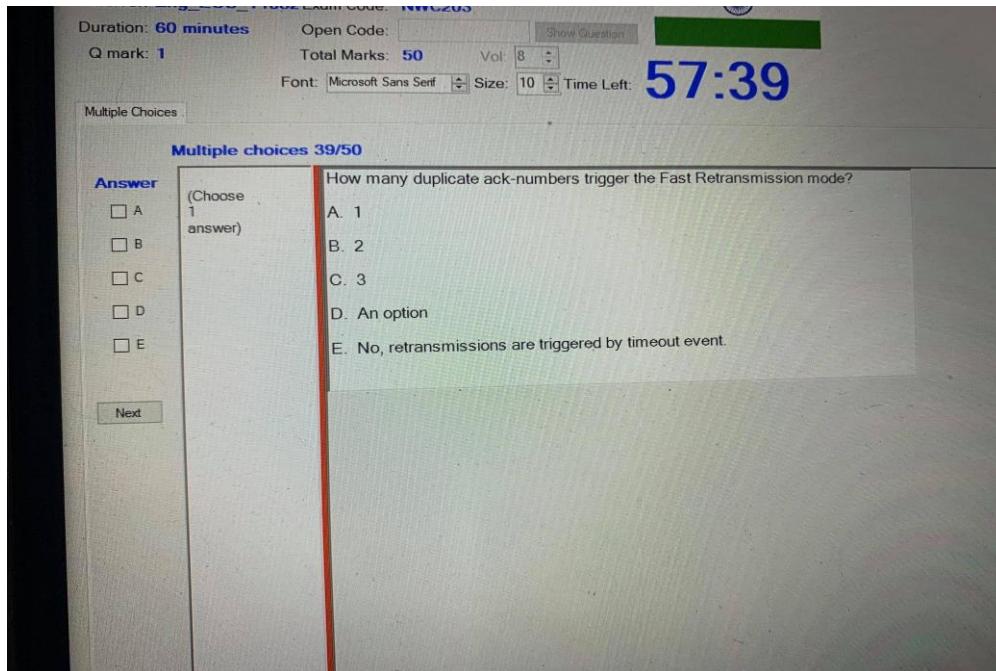
37 c



38 A tại môn này tên NWC lmao :v



39 c



- 40 A(Data link layer is concerned with framing and the transport layer is not)
41 A(BYOD)

Q mark: 1

Total Marks: 50

Vol: 8

Font: Microsoft Sans Serif

Size: 10

Time Left:

57:32

Multiple Choices

Multiple choices 41/50

Answer

- A
- B
- C
- D

(Choose
1
answer)

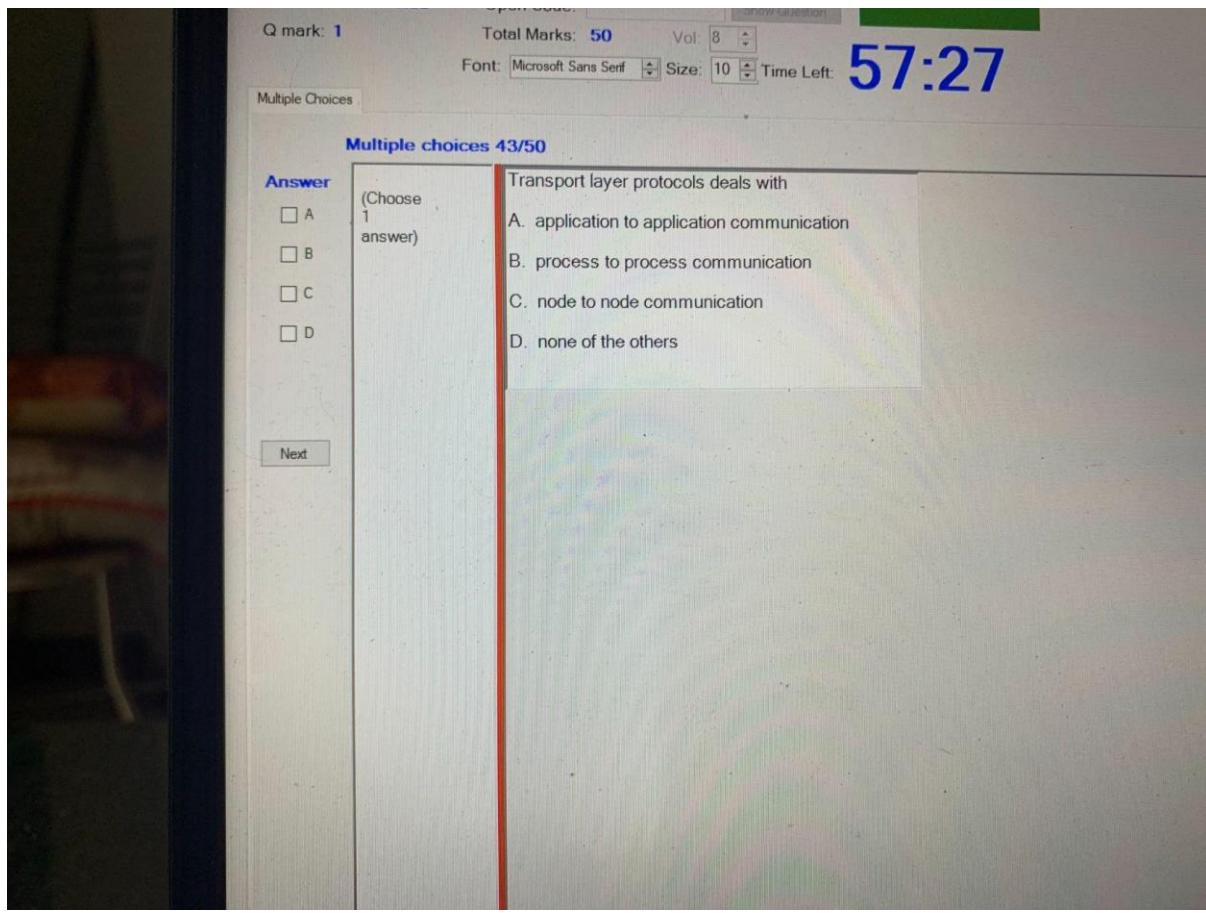
What term describes the ability to use personal devices across a business or campus network?

- A. BYOD
- B. internet
- C. intranet
- D. extranet

Next

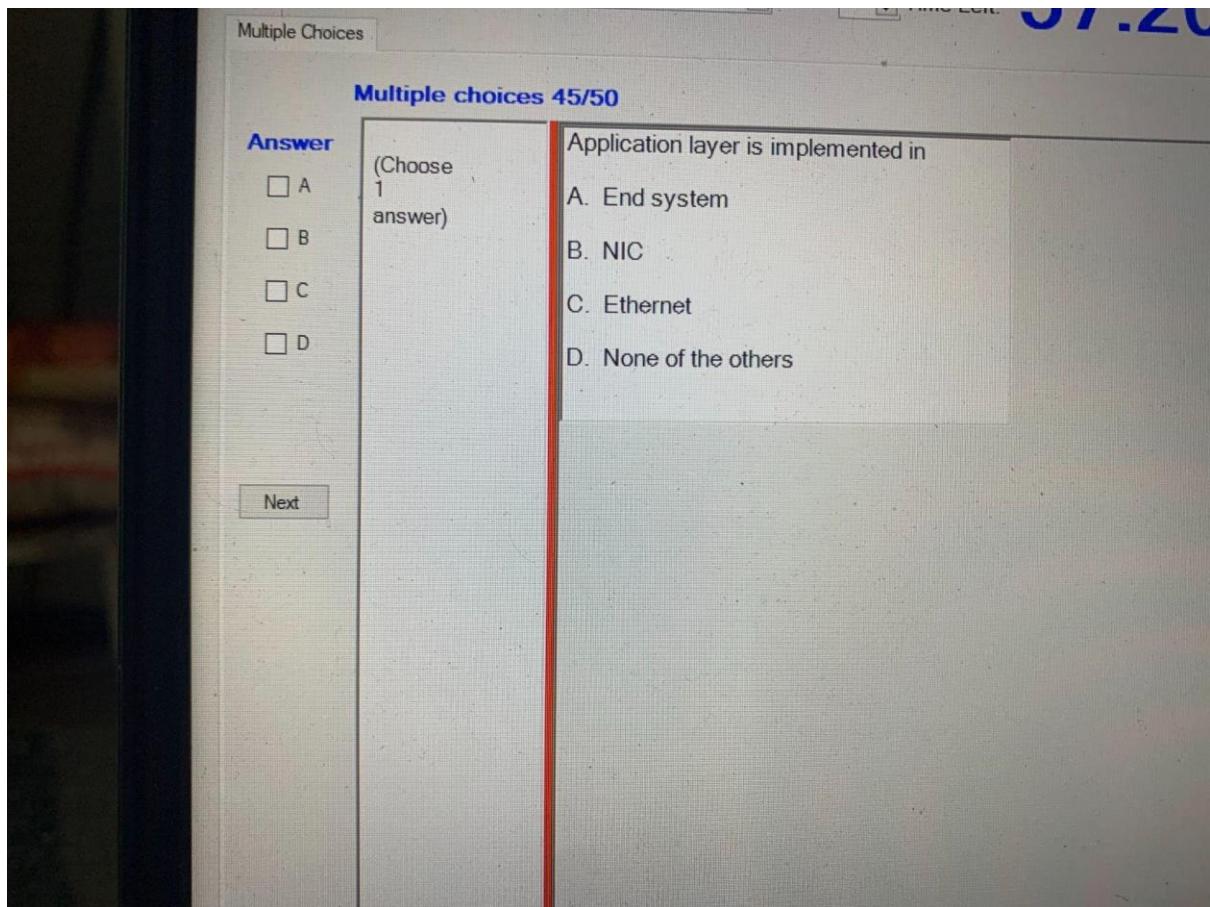
42 A (to request an HTML...)

43 B (Process to Process comm)

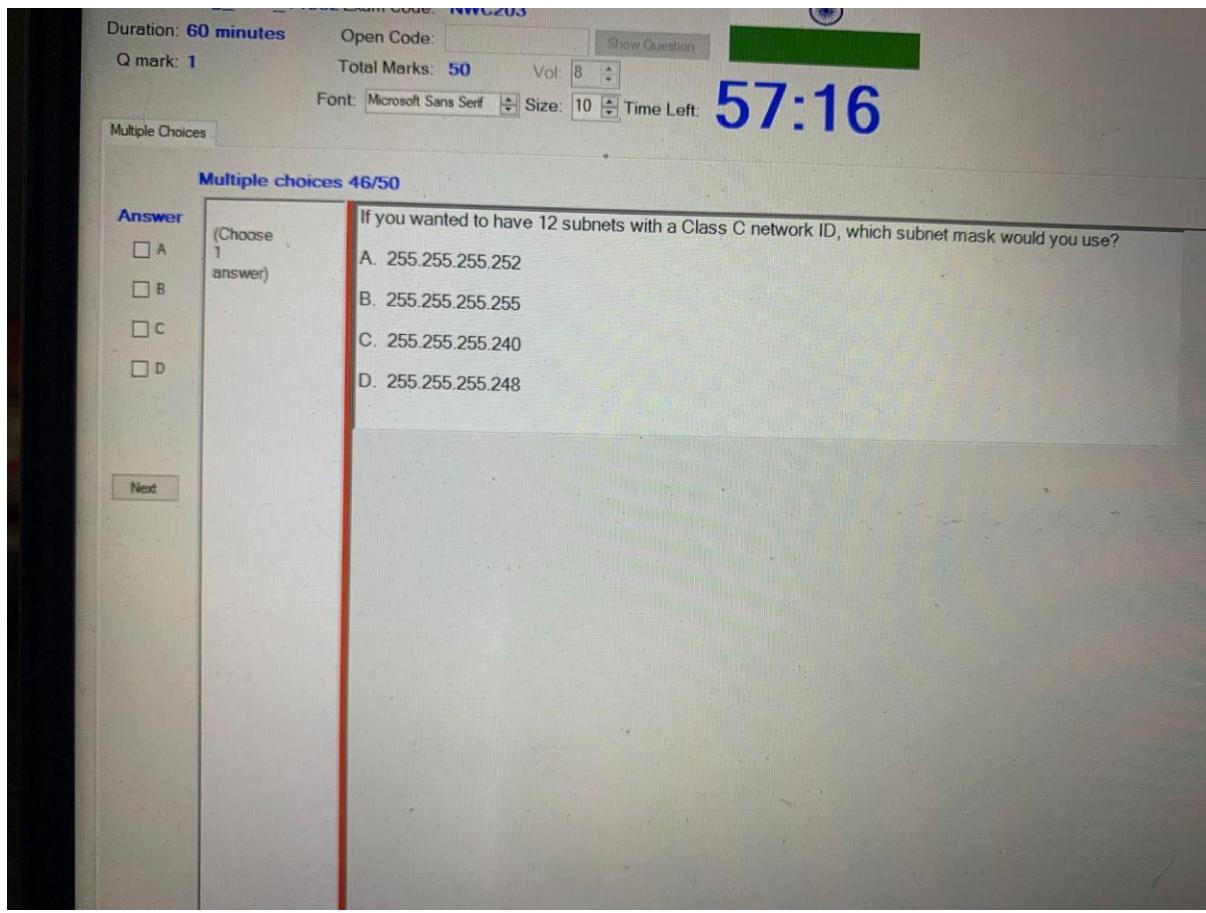


44 D(application)

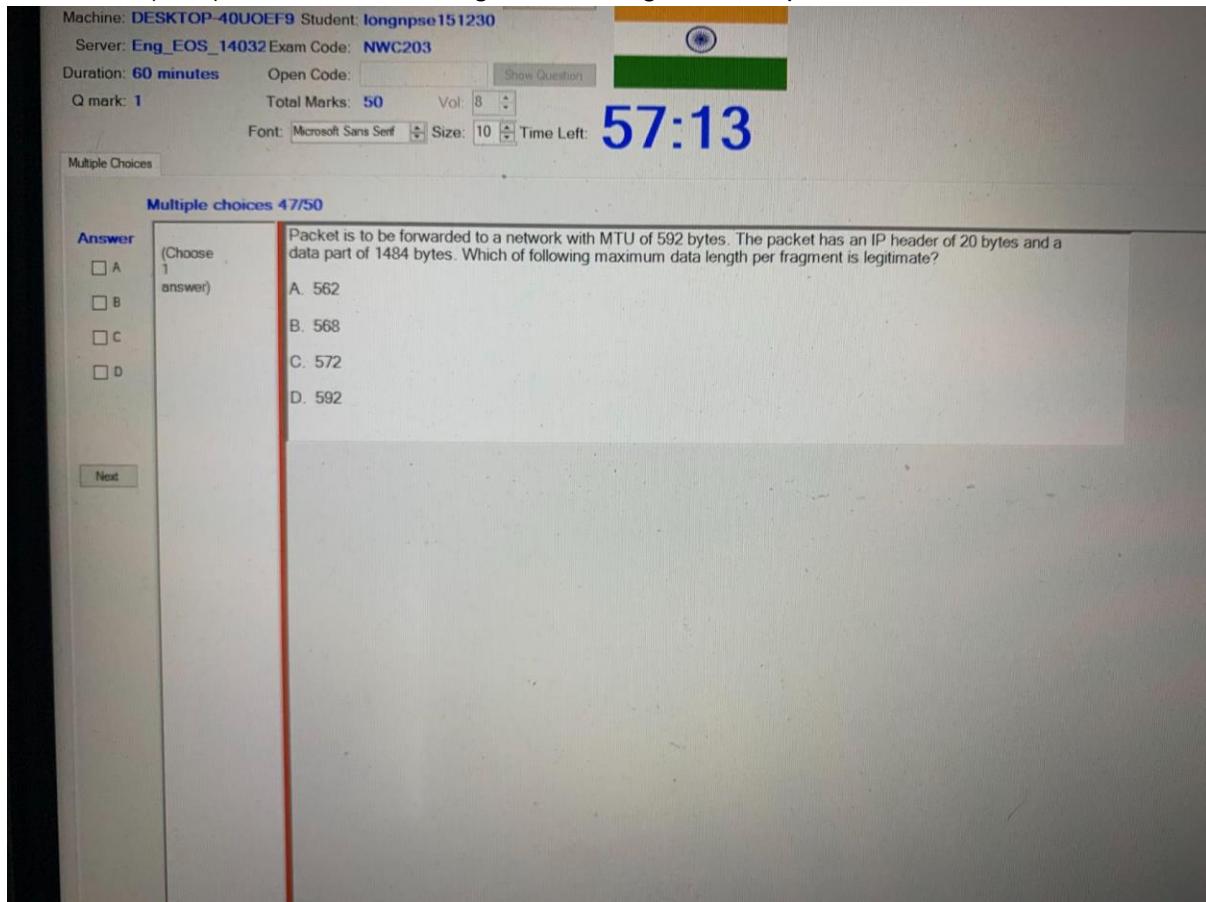
45 A(End system)



46 C(255.255.255.240) class c là 255.255.255.0 12 subnet thì phải lấy 16 subnet 4 bit nữa là 1111 1111. 1111 1111. 1111 1111. 1111 0000 (8 bit cuối bằng 240)



47 ---> B (568) 592-20 =572 nhưng mà muốn legit thì data phải chia hết cho 8



48 ----> đáp án C : faster needed / don't need

The screenshot shows a computer screen displaying an online examination system. At the top, there are various settings: Duration: 60 minutes, Open Code: Show Question, Q mark: 1, Total Marks: 50, Vol: 8, Font: Microsoft Sans Serif, Size: 10, and Time Left: 57:08. Below these settings, the main content area is titled "Multiple choices 48/50". A sub-section titled "Answer" asks the user to choose one answer from four options (A, B, C, D). The question itself is: "In what two situations would UDP be better than TCP as the preferred transport protocol?". The four options are: A. when applications need to guarantee that a packet arrives intact, in sequence, and unduplicated; when a faster delivery mechanism is needed; B. when a faster delivery mechanism is needed; when delivery overhead is not an issue; C. when a faster delivery mechanism is needed; when applications do not need to guarantee delivery of the data; D. when a faster delivery mechanism is needed; when destination port numbers are dynamic. A red vertical line is drawn through the entire page, starting from the left margin and extending down to the bottom of the page.

49 At which OSI layer is a → **data link layer**

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Multiple Choices

Multiple choices 49/50

Answer

- A
- B
- C
- D

(Choose
1
answer)

At which OSI layer is a source MAC address added to a PDU during the encapsulation process?

- A. data link layer
- B. application layer
- C. transport layer
- D. presentation layer

Next

50 what is a basic characteristic of the ip protocol → unreliable end to end delivery dápn A

Font: Microsoft Sans Serif Size: 10 Time Left: 57:00

Multiple Choices

Multiple choices 50/50

Answer

- A
- B
- C
- D

(Choose
1
answer)

What is a basic characteristic of the IP protocol?

- A. connectionless
- B. media dependent
- C. user data segmentation
- D. reliable end-to-end delivery

Next