

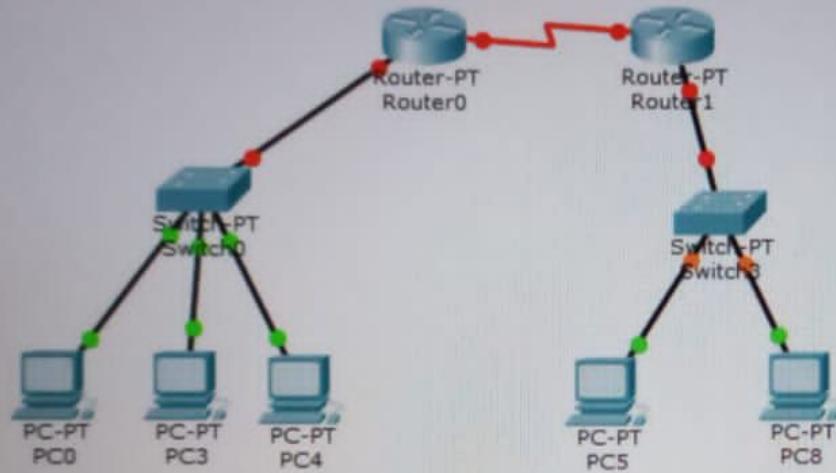
Question 5

Not yet answered

Marked out of
0.50

Flag question

Which of the following statements describe the network shown in the graphic? (Select two)



Select one or more:

- There are total number of seven collision domains in the network.
- There are total number of two broadcast domains in the network.
- There are total number of eight collision domains in the network.
- There are total number of four collision domains in the network.
- There are total number of three broadcast domains in the network.
- There are total number of four broadcast domains in the network.

Question 6

Select the correct order of ISO-OSI layered reference model.

- c. A firewall controls traffic and helps prevent unauthorized access
- d. A Firewall resides between two or more networks
- e.

Packet Filtering is a method used in Firewalls

Question 3

Not yet answered

Marked out of
0.50

 Flag question

Match the given address to the correct address type.

FE80:CD00:0000:0CDE:1257:0000:211E:729C

0:1B:44:11:3A:B7

203.147.23.20

Choose... ▾

- Choose...
- IPv6 Address
- MAC Address
- IPv4 Address
- Port Address
- Application Address**

Question 4

Not yet answered

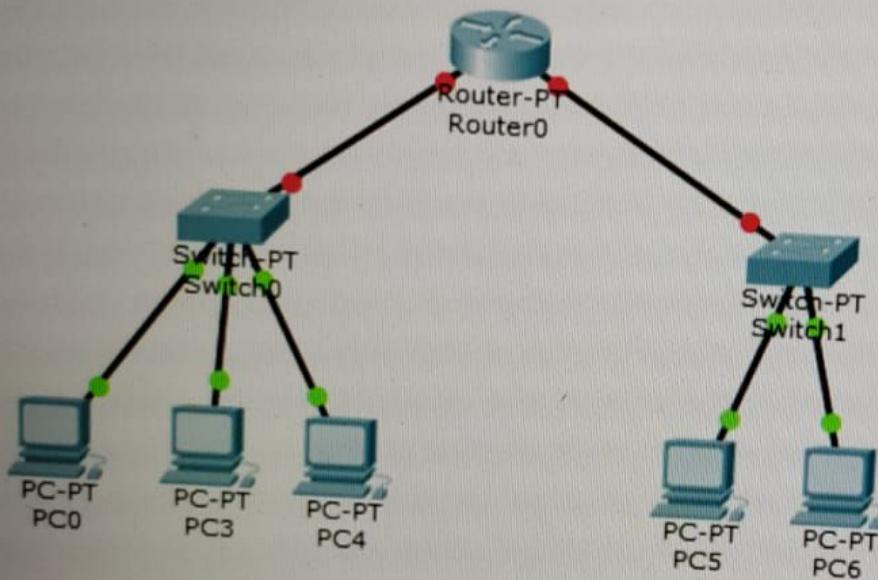
Marked out of
0.50

 Flag question

Which of the following statements describe the network shown in the graphic? (Select two)



Which of the following statements describe the network shown in the graphic? (Select two)



Select one or more:

- There are total number of seven collision domains in the network.
- There are total number of two broadcast domains in the network.
- There are total number of six broadcast domains in the network.
- There are total number of four collision domains in the network.
- There are total number of five collision domains in the network.
- There are total number of four broadcast domains in the network.

- Hub
- Switch
- Firewall

ion 3
et answered
ed out of
eg question

Copper cables are one of the most popular wired transmission medium because,

Select one:

- It is less costly in maintenance and installation.
- Copper cables can bend in any direction.
- It is the only guided medium available.
- There are multiple number of cables.
- It uses differential signaling for signal transmission.

tion 4
yet answered

Match the description with the appropriate ISO-OSI Layer

Question 1

Not yet answered

Marked out of
0.50

 Flag question

Devices on one network can communicate with devices on another network via, (Select two)



Select one or more:

- Printer
- Multiplexer
- Router
- Gateway
- Hub

Question 2

Not yet answered

Marked out of
0.50

 Flag question

Which of the following is NOT a correct statement regarding Firewalls?

Select one:

- a. URL Filtering is a method used in Firewalls
- b. Firewall can provide 100% security to a network
- c. A firewall controls traffic and helps prevent unauthorized access
- d. A Firewall resides between two or more networks
- e.

Packet Filtering is a method used in Firewalls



Type here to search



**Question 1**

Not yet answered

Marked out of
0.50

Flag question

Match the correct Security Term to given Courseweb scenarios.

Lecturers are allowed to delete files in Courseweb but Students Can only view the file.

Authorization ▾

Using a username and password to login to Courseweb

Authentication ▾

A log file keeps a record on what time a student submitted a file to Courseweb.

Accounting ▾

Question 2

Not yet answered

Marked out of
0.50

Flag question

In a regular network, which of the following can be a Software?



Select one:

- Router
- Modem
- Hub

Marked out of
0.50

Flag question

Lecturers are allowed to delete files in Courseweb but Students Can only view the file.

Authorization ▾

Using a username and password to login to Courseweb

Authentication ▾

A log file keeps a record on what time a student submitted a file to Courseweb.

Accounting ▾

Question 2

Not yet answered

Marked out of
0.50

Flag question

In a regular network, which of the following can be a Software?

Select one:

- Router
- Modem
- Hub
- Switch
- Firewall

Question 3

Not yet answered

Marked out of

Copper cables are one of the most popular wired transmission medium because,

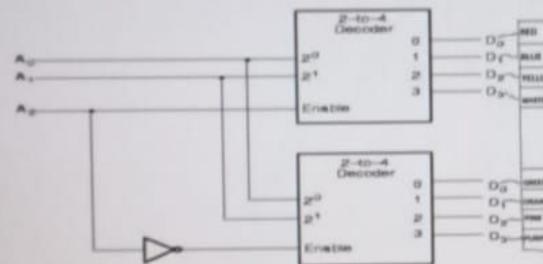


Question 27

Not yet answered

Marked out of
10.00 Flag question

Following is the block diagram of a Combinational circuit which is made up of two 2-4 Decoders. Assume that each of the output lines of a Decoder is connected to a colored LED bulb as given in the diagram.



The functionality of the 2-4 decoder is given below.

Inputs			Outputs			
A ₂	A ₁	A ₀	D ₀	D ₁	D ₂	D ₃
1	0	0	1	0	0	0
1	1	0	0	1	0	0
1	0	1	0	0	1	0
1	1	1	0	0	0	1
0	X	X	0	0	0	0

- a. What are the input values that must be provided for A₂, A₁, A₀ respectively, to have the BLUE light ON?
- b. What are the input values that must be provided for A₂, A₁, A₀ respectively, to have the GREEN light ON?
- c. If you need to have both the RED and GREEN lights ON, what is the modification you need to do to the above circuit?

- d. Access control
- e. Framing – Ethernet frame

Question 16

Not yet answered

Marked out of
0.50

 Flag question

Select the correct elements/components that make up a network.

Select one:

- Device, Wire, Message, Rules.
- Device, Medium, Message, Protocols.
- Service, Medium, Packet, Protocols.
- Service, Medium, Packet, Rules.
- Device, Medium, Message, Rules.

Question 17

Not yet answered

Marked out of

Match the correct threat type to the given scenario.

Match the ISO-OSI Layer to correct address type used in Network Communications.

Network Layer

Choose... ▾



Choose...

- Registry Address
- Port Address
- MAC Address
- IP Address
- Web Address

Transport Layer

Data Link Layer

Which characteristic is not addressed by a network architecture design.

Select one:

- Scalability.

- Firewall
- Router
- Hub

Question 6

Not yet answered

Marked out of
0.50

 Flag question

Which **characteristic** is not addressed by a network architecture design.

Select one:

- Scalability.
- Fault Tolerance.
- Security.
- Quality of Service.
- Durability.

Question 7

Not yet answered

Marked out of
0.50

 Flag question

Match the description with the appropriate ISO-OSI Layer

Provide reliable process to process message delivery

Transport Layer



Allows users to access the Internet

1 out of
3 question

Select one:

- Device, Wire, Message, Rules.
- Device, Medium, Message, Protocols.
- Service, Medium, Packet, Protocols.
- Service, Medium, Packet, Rules.
- Device, Medium, Message, Rules.

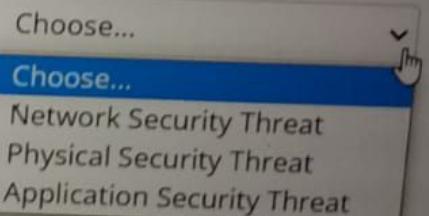
Question 17
Not answered
1 out of
3 question

Match the correct threat type to the given scenario.

A Denial of Service Attack (DoS) using ping command

Lots of rain causing floods and damaging the data center

A Malware program attached to another program to execute a particular unwanted function on a workstation



Question 18
Not answered
1 out of
3 question

Match the description with the appropriate ISO-OSI Layer

Organizes bits into frames which helps hop-to-hop delivery

Data Link Layer ▾

Provide reliable process to process message delivery

Transport Layer ▾

7

answered

out of

question

Which of the following is not a responsibility of the Data Link layer?

Select one:

- a. Routing
- b. Physical addressing (MAC address)
- c. Framing – Ethernet frame
- d. Access control
- e. Flow control



Which of the following statements describe the network shown in the graphic? (Select two)

wered
of

Service, Medium, Packet, Rules.

Question 14

Not yet answered

Marked out of
0.50

 Flag question

What are the correct statements about "MAC address table"? (select two)

Select one or more:

- MAC address table is created for each computer
- MAC address table is used by switches
- MAC address table is used by routers
- None of the given answers are true
- MAC address table is a collection of MAC addresses with the respective connected po

Question 15

Not yet answered

Marked out of
0.50

Select the correct order of ISO-OSI layered reference model.

Layer 7 Application Layer ✓

 Flag question

- b. Fiber optics is an example of Unguided media
- c. Unguided media signals are transmitted into air
- d. Unguided media uses electromagnetic waves
- e. Unguided media are also known as wireless communication

Question 11

Not yet answered

Marked out of
0.50

 Flag question

Match the correct port category description to port numbers.

Well-known port numbers

0 to 65535 

Registered port numbers

1024 to 49151 

Dynamic/Private port numbers

49152 to 65535 



Question 12

Not yet answered

Marked out of
0.50

What is the correct statement about a Collision Domain?

Select one:



Question 21

Not yet answered

Marked out of
3.00

Flag question

For the given IP address find the following.

IP address: - 192.168.168.2

- Network address: 192 . 168 . 168 . 0
- Subnet mask: 255 . 255 . 255 . 0
- Broadcast address: 192 . 168 . 168 . 255
- 1st usable IP address: 192 . 168 . 168 . 1
- Last usable IP address: 192 . 168 . 168 . 254
- IP Address Class: C (Only type the Letter)

Question 22

Not yet answered

Marked out of
1.00

Cache works on the principle of

 Flag question

10.59.135.4

Class A



227.21.6.173

Class D



210.59.135.4

Class C



Question 17

Not yet answered

Marked out of
0.50

 Flag question

Match the correct port category description to port numbers.

Registered port numbers

1024 to 49151



Well-known port numbers

0 to 65535



Dynamic/Private port numbers

49152 to 65535



Question 18

Not yet answered

Marked out of
0.50

 Flag question

Match the given addresses to appropriate network addressing term.

172.16.10.9

IPv4 Address



255.0.0.0

Class A Subnet Mask



- Total reflection.
- Total external reflection.

Match the given address to the correct address type.

203.147.23.20

Port Address



00:1B:44:11:3A:B7

MAC Address



FE80:CD00:0000:0CDE:1257:0000:211E:729C

IPv6 Address



Which of the following is not a responsibility of the Data Link layer?



Registered port numbers

1024 to 49151

Dynamic/Private port numbers

49152 to 65535

12

answered

out of

question

What is the correct statement about a Collision Domain?

Select one:

- In a router, all ports are in a single collision domain
- A collection of two or more computers in which, if more than one sender tries to send data simultaneously, the signals will collide in the transmission media and make all the sent information unusable.
- A collection of two or more computers in which, if one sender tries to send data, the signal will collide in the transmission media and make the sent information unusable.
- None of the mentioned is true.
- A collection of two or more computers in which, one computer tries to send data after another computer, the signals will collide in the transmission media and make all the sent information unusable.

13

answered

out of

question

Select the correct elements/components that make up a network.

Select one:

- Device, Medium, Message, Rules.
- Device, Medium, Message, Protocols.

- There are total number of eight collision domains in the network.
- There are total number of seven collision domains in the network.
- There are total number of four collision domains in the network.
- There are total number of six broadcast domains in the network.
- There are total number of four broadcast domains in the network.
- There are total number of two broadcast domains in the network.

Question 17

Not yet answered

Marked out of

0

Flag question

Match the correct Security Term to given Courseweb scenarios.

A log file keeps a record on what time a student submitted a file to Courseweb.

Accounting

Lecturers are allowed to delete files in Courseweb but Students Can only view the file.

Authorization

Using a username and password to login to Courseweb

Authentication

Question 18

Not yet answered

Marked out of

0

Flag question

Which of the following factors is not considered when selecting intermediate devices?

Select one:

- a. Number of Ports
- b. Manageability of the Device

- None of the mentioned is true.
- Microwave communication.
- Satellite communication.
- Television distribution.
- Computer communication.

Question 20

Not yet answered

Marked out of
0.50

 Flag question

Which of the following are NOT real time application scenarios? (Select Two)

Select one or more:

- a. Zoom live webinar
- b. Downloading an email attachment from an Email App
- c. Skype Video Conference
- d. Facebook live video
- e. Downloading a movie using a file sharing application
- f. What's App Call

tion 19

et answered

ed out of

rag question

Coaxial cables are widely used in applications such as,

Select one:

- None of the mentioned is true.
- Microwave communication.
- Satellite communication.
- Television distribution.
- Computer communication.



on 20

t answered

Which of the following are NOT real time application scenarios? (Select Two)

- c. Unguided media signals are transmitted into air
- d. Unguided media uses electromagnetic waves
- e. Unguided media are also known as wireless communication

Question 11

Not yet answered

Marked out of
0.50

 Flag question

Match the correct port category description to port numbers.

Well-known port numbers

Choose... ▾

Choose...

49152 to 65535

0 to 65535

0 to 1023

1024 to 49151

Registered port numbers



Dynamic/Private port numbers

Question 12

Not yet answered

Marked out of
0.50

 Flag question

What is the correct statement about a Collision Domain?

Select one:

- In a router, all ports are in a single collision domain
- A collection of two or more computers in which, if more than one sender tries to send data simultaneously, the signa

Digital service.

Which of the following statements are true? (select two).

Select one or more:

- Point-to-Point connection provides a dedicated link between the two devices.
- A multipoint connection is a connection established between more than two devices.
- Point to point connection is always build using a copper cable.
- Point to point connection is always build using a wireless media.
- Multi-point connection is always build using a wireless media.

Select the correct statements about Dial up connection. (Select two)

Select one or more:

- Doesn't provide a continuous connection. Need to dial up to connect.
- Has a fixed monthly rental.
- Provides low speed.
- Each service is billed separately.
- Digital service.

Select the correct statements about Dial up connection. (Select two)

Select one or more:

- Doesn't provide a continuous connection. Need to dial up to connect.
- Has a fixed monthly rental.
- Provides low speed.
- Each service is billed separately.
- Digital service.

c. Guided media are also known as wireless communication

Question 10

Not yet answered

Marked out of

.50

Flag question

Which of the following are not networking devices? (Select two)

Select one or more:

- Router
- Switch
- Linux
- Gateway
- ALU

Question 11

Which of the following statement is true?

Which of the following is NOT a correct statement regarding Firewalls?

Select one:

- a. URL Filtering is a method used in Firewalls
- b. A Firewall resides between two or more networks
- c. Firewall can provide 100% security to a network
- d. A firewall controls traffic and helps prevent unauthorized access
- e.
Packet Filtering is a method used in Firewalls

Which of the following statements is correct?

Select one:

- a. A failure in Network layer affects Data Link layer
- b. A failure in Network layer affects entire communication

8. Which of the following is a method used in Firewalls

- c.
Packet Filtering is a method used in Firewalls
- d. Firewall can provide 100% security to a network
- e. A Firewall resides between two or more networks

Question 13

Not yet answered

Marked out of
0.50

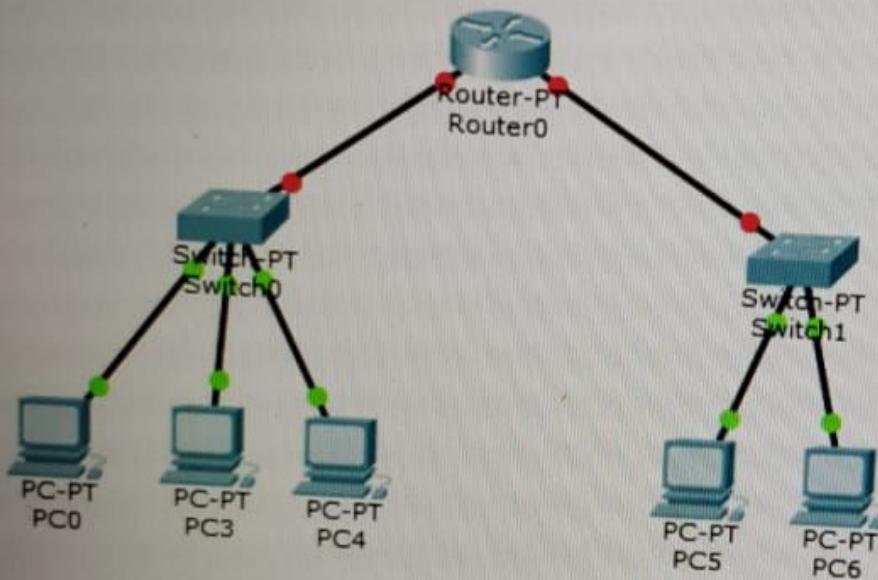
 Flag question

ADSL is the abbreviation of,

Select one:

- Asymmetric Dual Subscriber Line
- None of the mentioned is true.
- Asymmetric Digital Subscriber Line
- Asymmetric Digital System Line
- Asymmetric Dual System Line

Which of the following statements describe the network shown in the graphic? (Select two)



Select one or more:

- There are total number of seven collision domains in the network.
- There are total number of two broadcast domains in the network.
- There are total number of six broadcast domains in the network.
- There are total number of four collision domains in the network.
- There are total number of five collision domains in the network.
- There are total number of four broadcast domains in the network.