What is a main difference between a Switch and a Bridge?
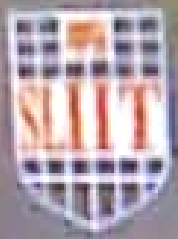
Select one:

⦿ Bridge is a dumb device while switch is an intelligent device.

◯ There is no difference.

◯ Switch is large and a bridge is small.

◯ Bridge is used to segment a LAN while Switch is used to interconnect different LANs.

◯ A bridge is used to connect LANs whereas a switch is used to create a LAN

Which of the following is <u>not a benefit of the</u> layered networking

Select one:

- ○ a. Create a competition between vendors
- ○ b. Assists in protocol design
- ○ c. Changes in one layer do not affect other layers
- ● d. Allows one organization to control the protocol design
- ○ e. Provides a common language

Question **17**

Not yet answered

Marked out of 1

▼ Flag question

Select the correct statement about hubs.

Select one:

- Hub always broadcast messages ·
- None of the given statements are true
- Hub functionality is identical to a switch ✗
- Hub always unicast messages ✗
- Hub maintains a MAC table for data forwarding ✗

Previous page

Select the correct statements about network characteristics. (Select two)

Select one or more:

- [ ] Reliability indicates the non-dependability of the components that make up the network.
- [ ] Availability is a measure of the probability that the network will be available for use when it is required.
- [ ] The data rate is measured by bits per second of a given link in the network.
- [ ] The logical topology is the arrangement of cables, network devices, and end systems.
- [ ] Scalability indicates how many nodes are currently on the network.

Choose the correct storage device that works as a non volatile memory

Select one:

a. ⃝ flash

b. ● flash

c. Cache memory

d. Suppository

e. BIOS chip

Which of the following statement is incorrect regarding the 'Internet' ?

Select one:

○ a. Internet is the largest WAN topology

○ b. Internet protocols are managed by IETF

◉ c. Internet is governed by International Standardization Organization (ISO)

○ d. Internet is a collection of interconnected networks

Which one is not hard disk - performance parameters
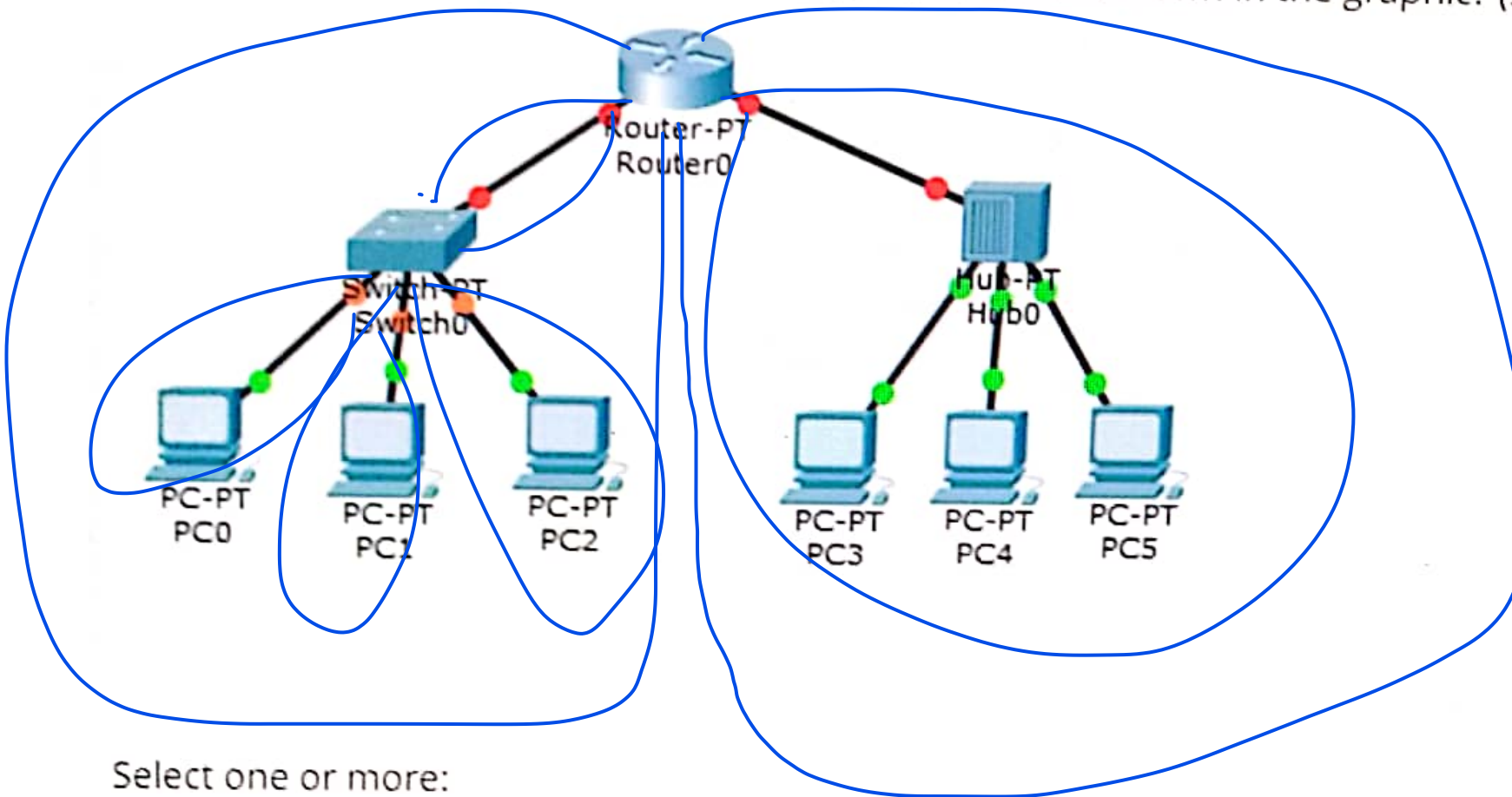
Select one:

- ○ a. Access time
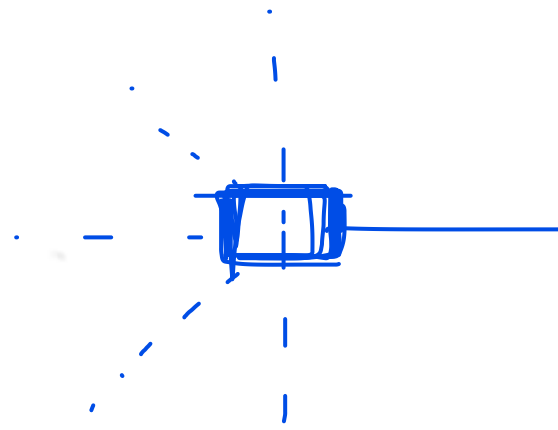- ○ b. Transfer time
- ○ c. Rotational delay
- ○ d. Seek time
- ● e. Refresh time

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

Router-PT
Router0

Switch-PT
Switch0

Hub-PT
Hub0

PC-PT
PC0

PC-PT
PC1

PC-PT
PC2

PC-PT
PC3

PC-PT
PC4

PC-PT
PC5

Select one or more:
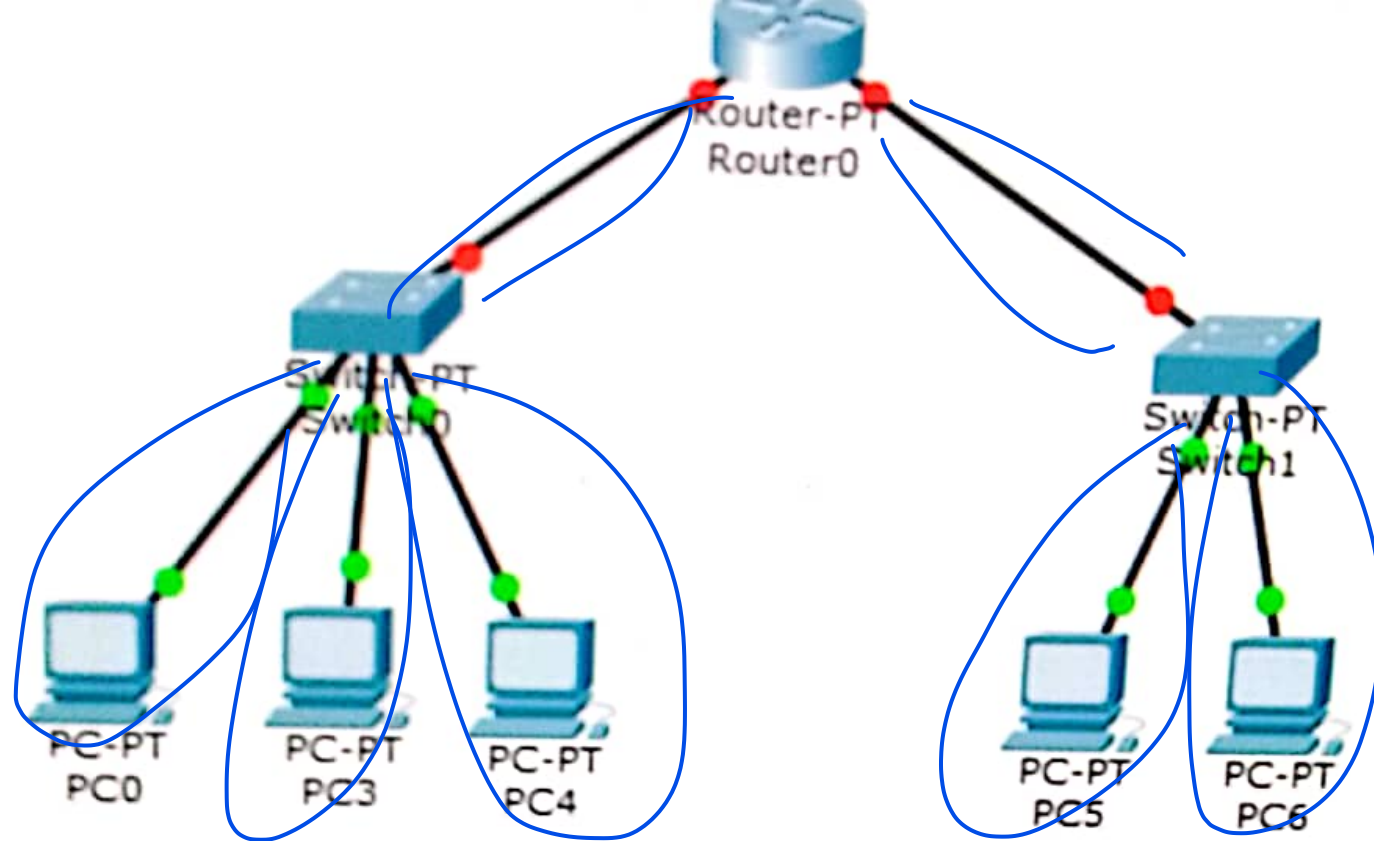
☐ There are total number of four collision domains in the network.

☑ There are total number of two broadcast domains in the network.

☐ There are total number of seven collision domains in the network.

☐ There are total number of four broadcast domains in the network.

☐ There are total number of six broadcast domains in the network.

☑ There are total number of five collision domains in the network.

Select the correct statement.

Select one:

○ If a network is directly connected to Internet, it will become a part of In

● A private network is not directly connected to Internet.

○ In a private network, it is mandatory to follow Internet standards.

○ None of the given answers are true.

○ A private network is a set of interconnected Intranets.

Select one or more:

☑ There are total number of seven collision domains in the network.

☐ There are total number of six broadcast domains in the network.

☑ There are total number of two broadcast domains in the network.

☐ There are total number of four broadcast domains in the network.

☐ There are total number of five collision domains in the network.

☐ There are total number of four collision domains in the network.

What is the correct statement about a Broadcast Domain?

Select one:

○ A collection of two or more computers in which, when one sender sends a message, It is received by one receiver in the same dom...

○ A collection of two or more computers in which, when one sender sends a message, It is received by all the others in a different dom...

○ A collection of two or more computers in which, when one sender sends a message, It is received by a group of computers in the sa...

● A collection of two or more computers in which, when one sender sends a message, It is received by all the others in the same domain

○ None of the mentioned is true.

Inputs and outputs can be defined as the main components of a computer. Select the response only with
answers

Select one:

- ○ a. Keyboard, Webcam, Pen-drive, Scanner
- ● b. Keyboard, Optical pen, Scanner, Bar code reader
- ○ c. Keyboard, Optical pen, CD, Scanner
- ○ d. Keyboard, CD, Optical pen, Bar code reader
- ○ e. Keyboard, Pen-drive, Scanner, Bar code reader

Optical fibers operate based on an optical phenomena known as,

Select one:

- ○ Total signal reflection.

- ○ Total external reflection.

- ○ None of the mentioned is true.

- ● Total internal reflection.

- ○ Total reflection.

What is the correct decimal representation of the following IPv4 add

11000000.10101000.00001010.00001011

Select one:

- a. 192.168.10.1
- b. 192.128.0.11
- c. 192.148.0.11
- d. 192.168.10.11
- e. 172.11.10.11

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Select the most suitable statement.

Select one:

- ○ Converged networks are private networks. ✗
- ○ None of the given statements are true.
- ○ Converged networks are LANs. ✗
- ✓ ○ Converged networks carry data, voice, video & images over the same network. ✓
- ○ Converged networks carry social networking data. ✗

Select the most suitable statement.

Select one:

- ◯ Converged networks are LANs.

- ◯ None of the given statements are true.

- ◯ Converged networks are private networks.

- 🔘 Converged networks carry data, voice, video & images over the same network.

- ◯ Converged networks carry social networking data.

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

Select one:

○   Router .

○   Modem

○   Hub

○   Switch .

◉   Firewall
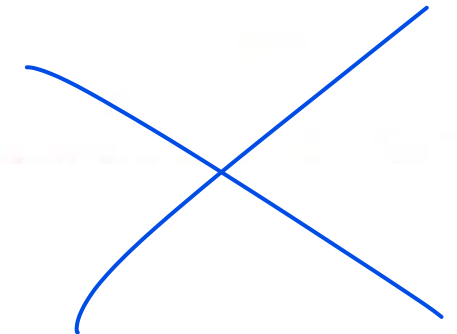
What is the correct statement about a Collision Domain?

Select one:

○ In a router all ports are n a collision domain.

○ 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.

○ 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.

○ 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.

Select the correct statements about network characteristics. (Select two)

Select one or more:

- [ ] Reliability indicates the non-dependability of the components that make up the network.
- [ ] Availability is a measure of the probability that the network will be available for use when it is required.
- [ ] The data rate is measured by bits per second of a given link in the network.
- [ ] The logical topology is the arrangement of cables, network devices, and end systems.
- [ ] Scalability indicates how many nodes are currently on the network.

Choose the correct storage device that works as a non-volatile me

Select one:

- ○ a. D-RAM ✕
- ⦿ b. S-RAM ✕
- ○ c. Cache memory ✕
- ○ d. Registers ✕
- ○ e. BIOS chip ✓

Select the **incorrect** statement.

Select one:

○ A network spanning over a geographical area larger than a LAN, but smaller than a WAN, such as a city, is called a MAN ✓

○ A LAN connects network devices over a relatively small geographical area. ✓

○ Internet is the largest WAN spanning the entire globe. ✓

○ Switches are used to connect LANs to a WAN 💬 ✗

○ A WAN spans across a large geographical area. It is a geographically-dispersed collection of LANs ✓

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

Select one or more:

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