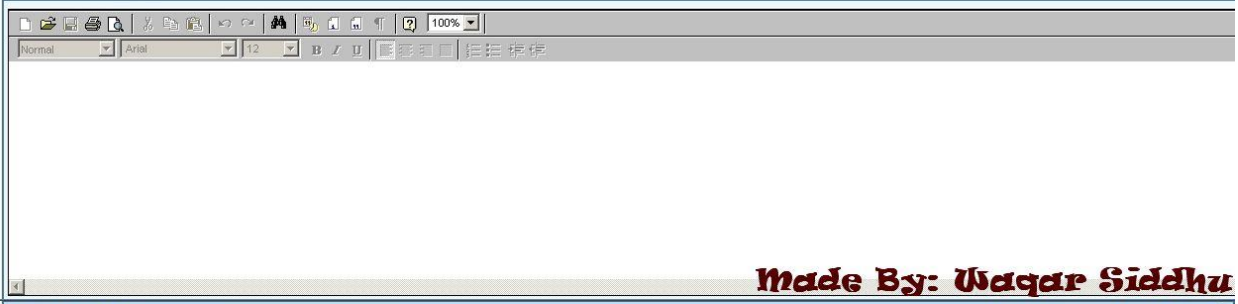
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# CS610 Midterm Subjective Papers By Waqar Sidhu
# (File 1)
# Subjective

Question No : 21 of 26 Marks: 2 (Budgeted Time 4 Min)

Network operator needs a temporary virtual circuit for his network. Which type of ATM virtual circuit is most appropriate in this situation?

Answer ( Please click here to Add Answer )

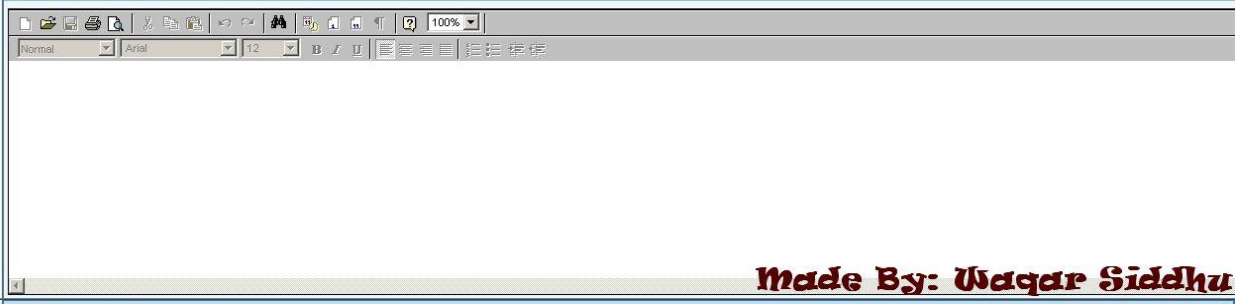


Made By: Waqar Siddhu

Question No : 22 of 26 Marks: 2 (Budgeted Time 4 Min)

How many methods are available to span a bridge network over long distances? Just write their names.

Answer ( Please click here to Add Answer )

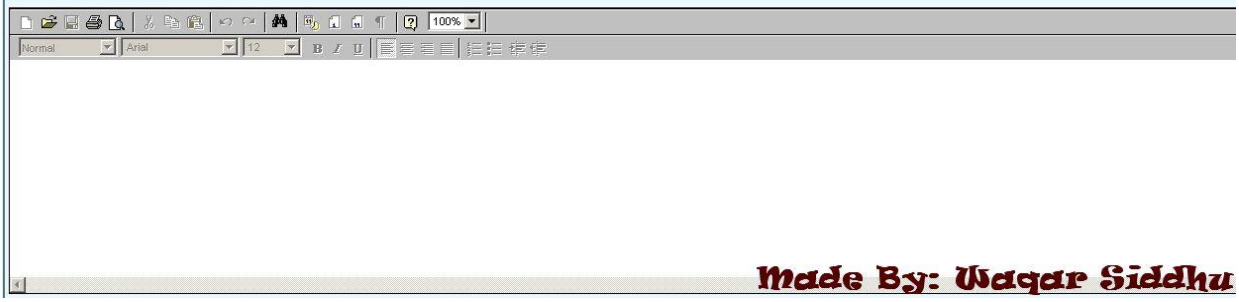


Made By: Waqar Siddhu

Question No : 23 of 26 Marks: 3 (Budgeted Time 6 Min)

Suppose in university campus, bridges are used in its local area network. Explain all steps, how bridge builds up addresses list table of all attached computers?

Answer ( Please click here to Add Answer )



Made By: Waqar Siddhu

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Question No : 24 of 26 Marks: 3 (Budgeted Time 6 Min)

Suppose XYZ Company has packet switch network of 50 computers. After some time of communication, network administrator observes that the packets in the packet switches are facing some delay just before these are transmitted over the link. Identify this delay and write down the mathematical equation of the relationship between delay and throughput.

Answer ( Please click here to Add Answer )



Made By: Waqar Siddhu

Question No : 25 of 26 Marks: 5 (Budgeted Time 10 Min)

While designing the ATM technology why the designers of the ATM have chosen cells over packets which are being used widely? Give five reasons to support your answer.

Answer ( Please click here to Add Answer )



Made By: Waqar Siddhu

Question No : 26 of 26 Marks: 5 (Budgeted Time 10 Min)

Suppose you are assigned to connect two site offices which are situated far away from each other. In your opinion, which one will be the appropriate solution for this, LAN extension or WAN? Justify your answer with four reasons.

Answer ( Please click here to Add Answer )



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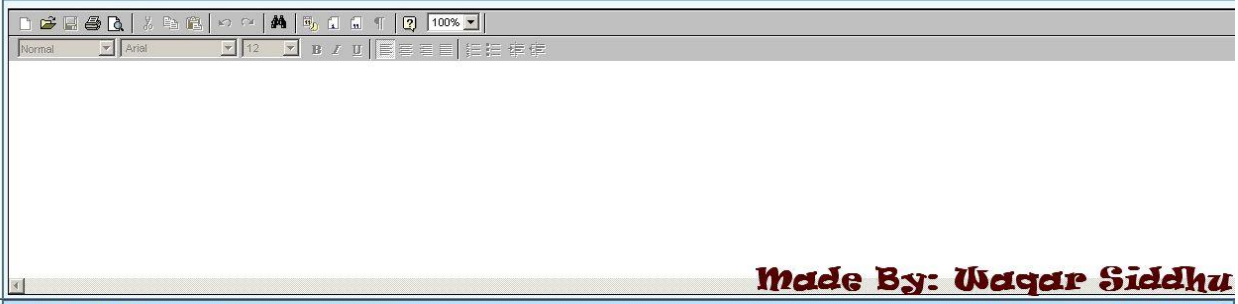
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# (File 2)
# Subjective

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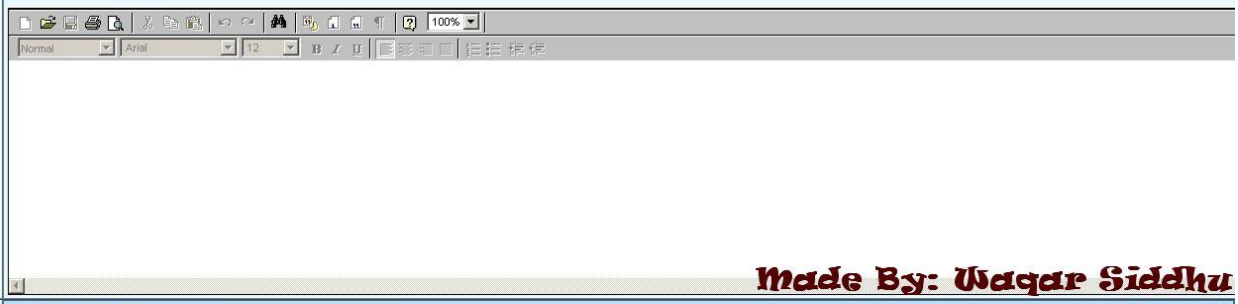


Made By: Waqar Siddhu

Question No : 22 of 26 Marks: 2 (Budgeted Time 4 Min)

How many methods are available to span a bridge network over long distances? Just write their names.

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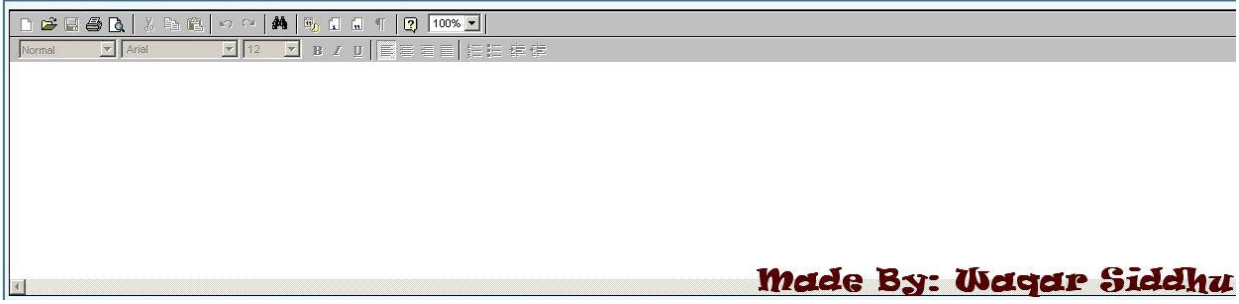


Made By: Waqar Siddhu

Question No : 23 of 26 Marks: 3 (Budgeted Time 6 Min)

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Answer ( Please click here to Add Answer )



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Made By: Waqar Siddhu

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Made By: Waqar Siddhu

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# (File 3)
# Subjective

Question No : 21 of 26 Marks: 2 (Budgeted Time 4 Min)

A local telephone company wants to connect the LANs in all its offices throughout a city. For this case which network category would be used?

Answer ( Please click here to Add Answer )

Made By: Waqar Siddhu

Question No : 22 of 26 Marks: 2 (Budgeted Time 4 Min)

As you know ATM network specifies a 24 bits VPI/VCI connection identifier, how many bits VPI and VCI occupies individually?

Answer ( Please click here to Add Answer )

Made By: Waqar Siddhu

Question No : 23 of 26 Marks: 3 (Budgeted Time 6 Min)

ATM provides the best support for multiple services. Due to which reasons ATM is not adopted as a single underline technology? Give any three reasons to justify your answer.

Answer ( Please click here to Add Answer )

Made By: Waqar Siddhu

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Question No : 24 of 26 Marks: 3 (Budgeted Time 6 Min)

Is it necessary to use terminator at both ends of thin Ethernet cable? Give your answer with at least two reasons.

Answer ( Please click here to Add Answer )



Made By: Waqar Siddhu

Question No : 25 of 26 Marks: 5 (Budgeted Time 10 Min)

Suppose, as a Network Administrator of XYZ organization you are given a task to develop a network in a limited area with low cost, then which wiring scheme will you use? Justify your answer with four solid reasons.

Answer ( Please click here to Add Answer )

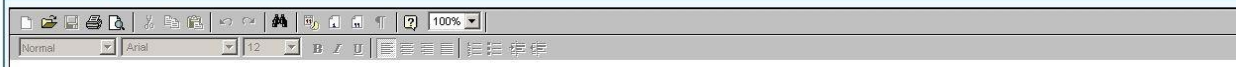


Made By: Waqar Siddhu

Question No : 26 of 26 Marks: 5 (Budgeted Time 10 Min)

Suppose there are two networks A and B both using virtual private network. If a user of some another network other than the network B wants to send some packets to a device in network A, then what will be the behavior of network A? Give three reasons behind its behavior.

Answer ( Please click here to Add Answer )



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# (File 4)
# Subjective

Question No : 21 of 26 Marks: 2 (Budgeted Time 4 Min)

Suppose XYZ organization is using hierarchal addressing scheme in routing tables. Write any two advantages of using this scheme of addressing.

Answer ( Please click here to Add Answer )

Made By: Waqar Siddhu

Question No : 22 of 26 Marks: 2 (Budgeted Time 4 Min)

Suppose ABC Corporation has a small number of packet switches and computer systems in its computer network. If entire network is stable with single network link than which routing method will be most appropriate for this scenario?

Answer ( Please click here to Add Answer )

Made By: Waqar Siddhu

Question No : 23 of 26 Marks: 3 (Budgeted Time 6 Min)

Suppose in university campus, bridges are used in its local area network. Explain all steps, how bridge builds up addresses list table of all attached computers?

Answer ( Please click here to Add Answer )

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Question No : 24 of 26 Marks: 3 (Budgeted Time 6 Min)

Suppose you are a Network Engineer in an ISP which is providing different technological services like one of these may be cell based network. Here, as a Network Engineer you must know that which term is used to refer the "information" related to the network but not refers to the "information" that only uses the network". Give the name of this term and the reserved values it uses.

Answer ( Please click here to Add Answer )

Made By: Waqar Siddhu

Question No : 25 of 26 Marks: 5 (Budgeted Time 10 Min)

A network sends and receives bits faster than computer's CPU. Explain how a computer attached to a network can handle this speed difference? Does the CPU have any role in handling it?

Answer ( Please click here to Add Answer )

Made By: Waqar Siddhu

Question No : 26 of 26 Marks: 5 (Budgeted Time 10 Min)

Star textile has multiple LANs with packet switches. It is critical that if some link goes down/breakup the entire network traffic should arrive to respective destination smoothly. So, which method will meet this requirement? Give at least three reasons to support your answer.

Answer ( Please click here to Add Answer )

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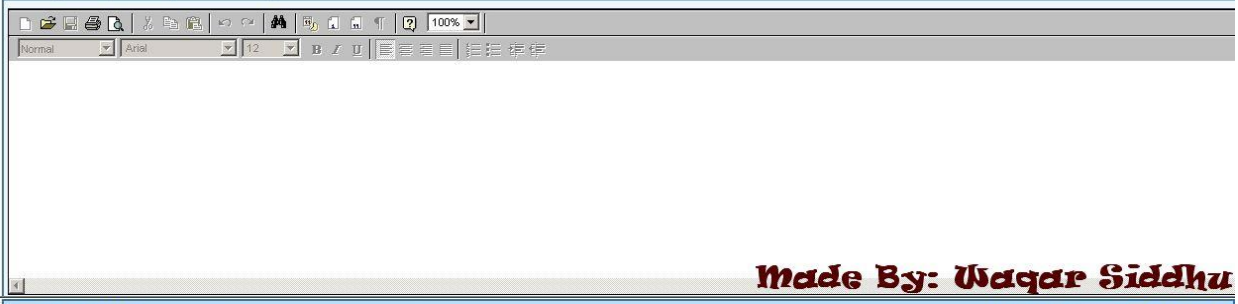
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# (File 5)
# Subjective

Question No : 21 of 26 Marks: 2 (Budgeted Time 4 Min)

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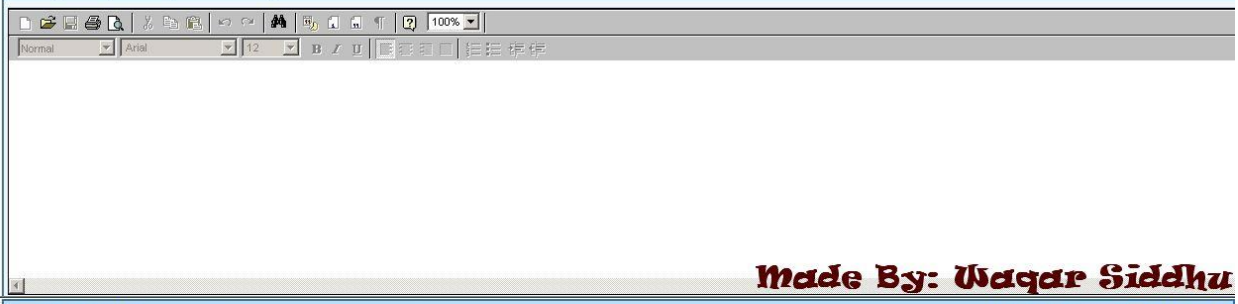


Made By: Waqar Siddhu

Question No : 22 of 26 Marks: 2 (Budgeted Time 4 Min)

Defaults routes are used in networks. You are required to write two benefits of using default route.

Answer ( Please click here to Add Answer )

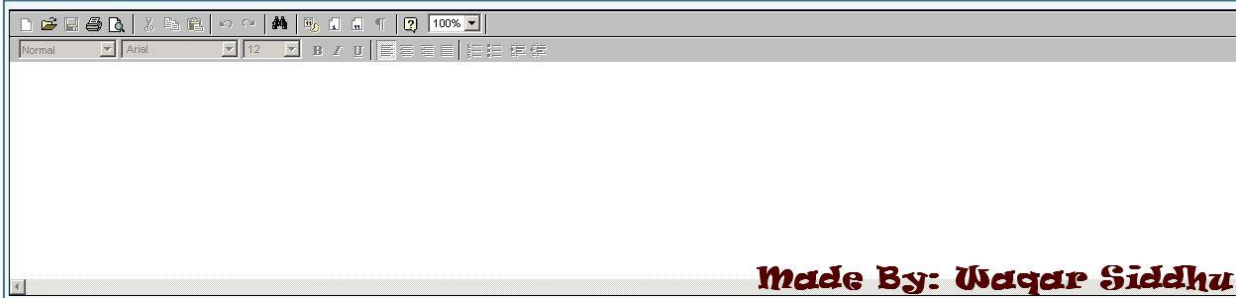


Made By: Waqar Siddhu

Question No : 23 of 26 Marks: 3 (Budgeted Time 6 Min)

ATM provides the best support for multiple services. Due to which reasons ATM is not adopted as a single underline technology? Give any three reasons to justify your answer.

Answer ( Please click here to Add Answer )



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Question No : 24 of 26 Marks: 3 (Budgeted Time 6 Min)

If a packet switch does not check header's source information then how it can be beneficial for routing? Write any three benefits.

Answer ( Please click here to Add Answer )



Made By: Waqar Siddhu

Question No : 25 of 26 Marks: 5 (Budgeted Time 10 Min)

Suppose, as a Network Administrator of XYZ organization you are given a task to develop a network in a limited area with low cost, then which wiring scheme will you use? Justify your answer with four solid reasons.

Answer ( Please click here to Add Answer )



Made By: Waqar Siddhu

Question No : 26 of 26 Marks: 5 (Budgeted Time 10 Min)

Suppose there are two networks A and B both using virtual private network. If a user of some another network other than the network B wants to send some packets to a device in network A, then what will be the behavior of network A? Give three reasons behind its behavior.

Answer ( Please click here to Add Answer )



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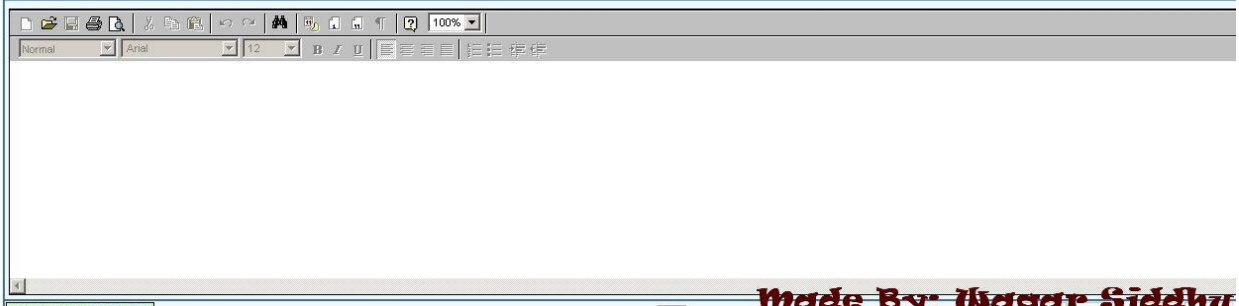
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# (File 6)
# Subjective

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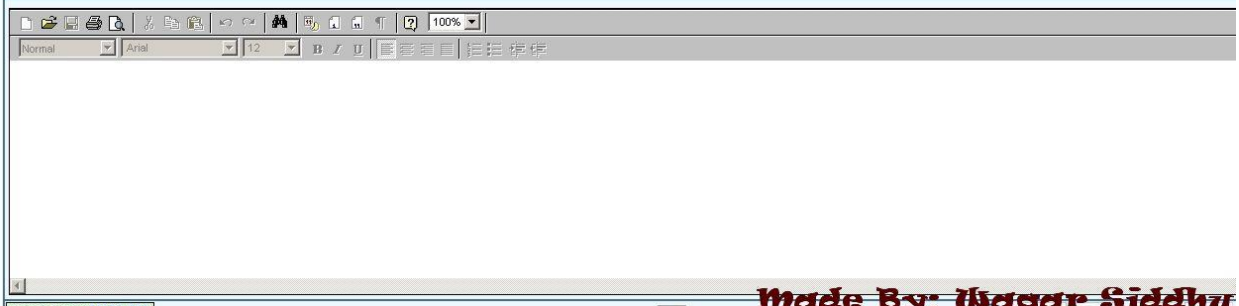
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21

Made By: Waqar Siddhu

Describe two major components of thick Ethernet.

Answer ( Please click here to Add Answer )



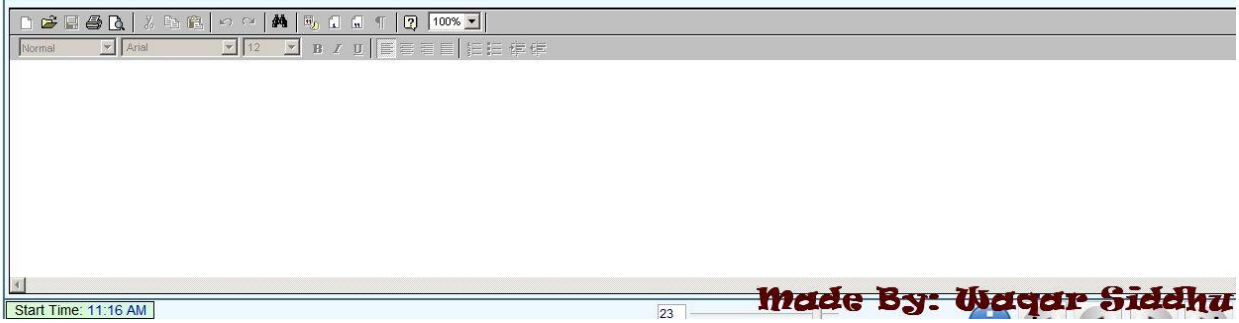
Start Time: 11:16 AM

22

Made By: Waqar Siddhu

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Answer ( Please click here to Add Answer )



Start Time: 11:16 AM

23

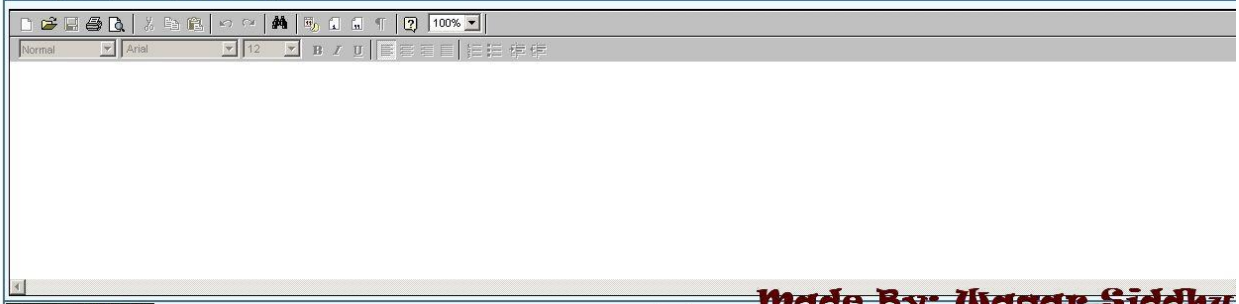
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Is it necessary to use terminator at both ends of thin Ethernet cable? Give your answer with at least two reasons.

Answer ( Please click here to Add Answer )



Start Time: 11:16 AM

24

Made By: Waqar Siddhu

Suppose, as a Network Administrator of XYZ organization you are given a task to develop a network in a limited area with low cost, then which wiring scheme will you use? Justify your answer with four solid reasons.

Answer ( Please click here to Add Answer )



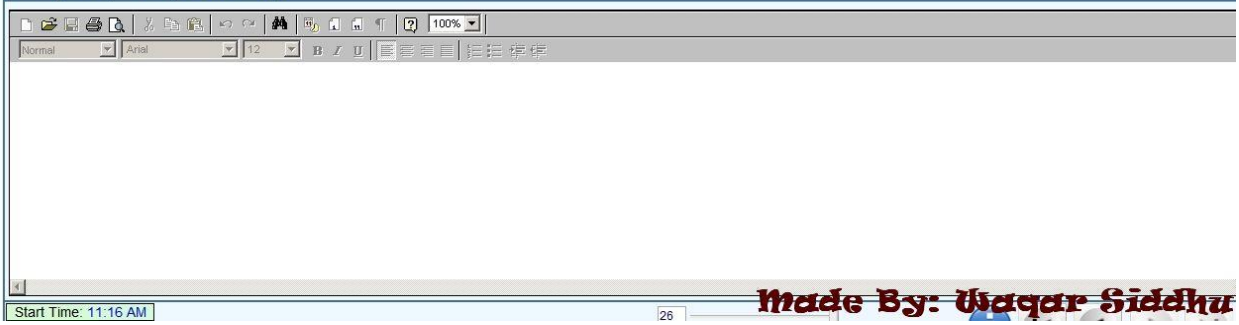
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25

Made By: Waqar Siddhu

Star textile has multiple LANs with packet switches. It is required that if any link goes down/breakup, the entire network traffic should arrive to respective destination smoothly. Which routing method will meet this requirement? Give at least three reasons to support your answer.

Answer ( Please click here to Add Answer )



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26

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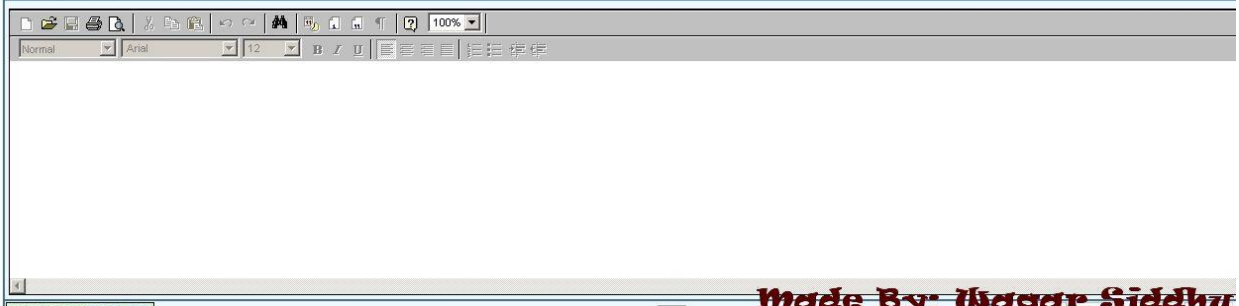
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# (File 7)
# Subjective

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Answer ( Please click here to Add Answer )



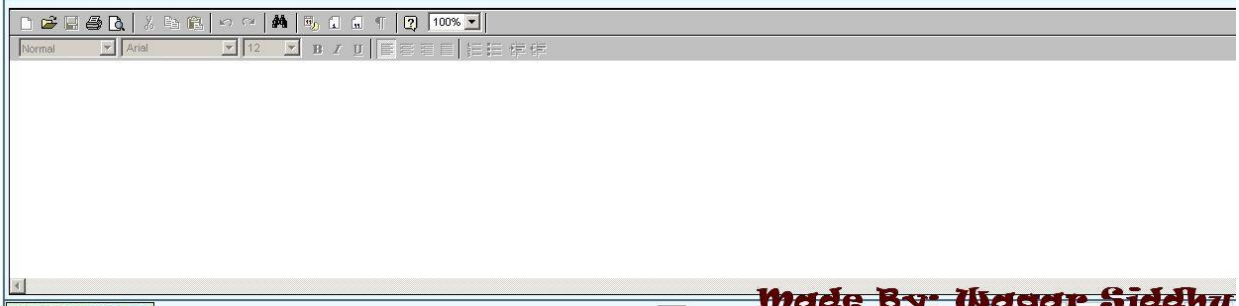
Start Time: 11:16 AM

21

Made By: Waqar Siddhu

Describe two major components of thick Ethernet.

Answer ( Please click here to Add Answer )



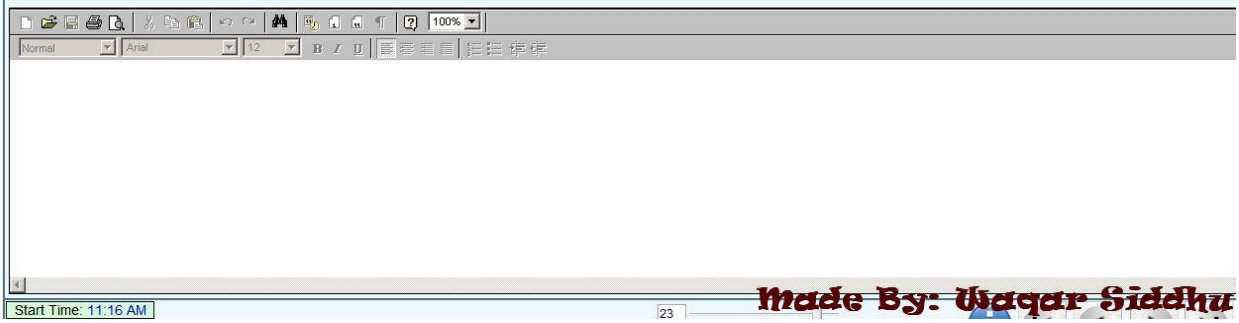
Start Time: 11:16 AM

22

Made By: Waqar Siddhu

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Answer ( Please click here to Add Answer )



Start Time: 11:16 AM

23

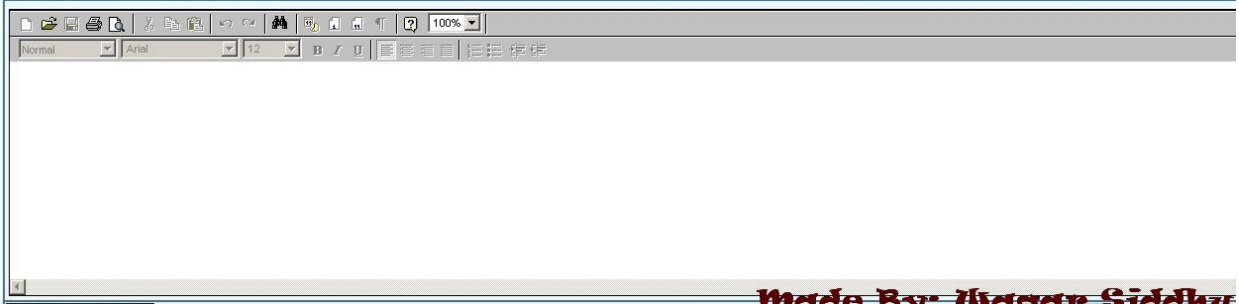
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Is it necessary to use terminator at both ends of thin Ethernet cable? Give your answer with at least two reasons.

Answer ( Please click here to Add Answer )



Start Time: 11:16 AM

24

Made By: Waqar Siddhu

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Answer ( Please click here to Add Answer )



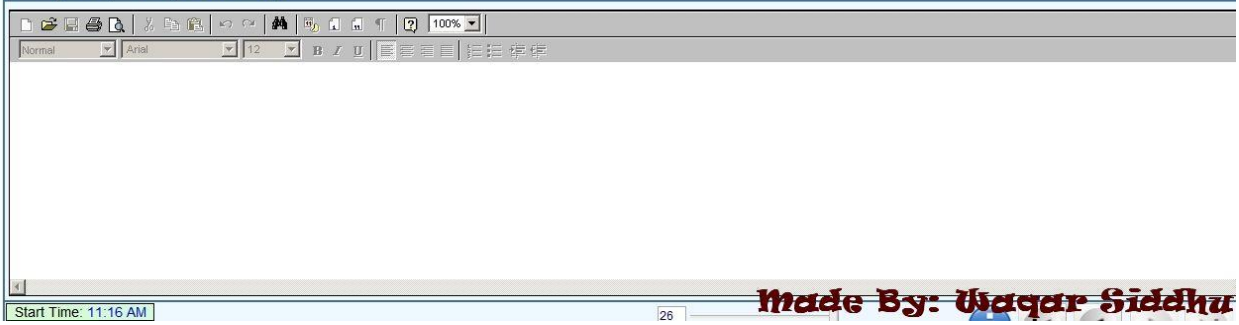
Start Time: 11:16 AM

25

Made By: Waqar Siddhu

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26

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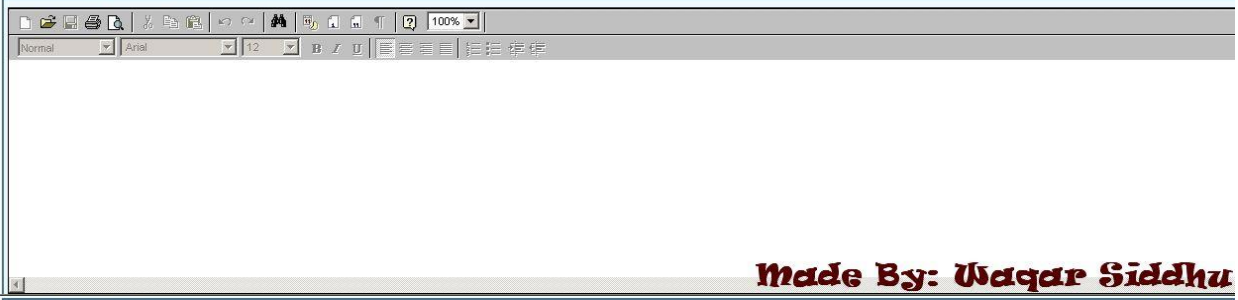
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# (File 8)
# Subjective

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A local telephone company wants to connect the LANs in all its offices throughout a city. For this case which network category would be used?

Answer ( Please click here to Add Answer )



Made By: Waqar Siddhu

Question No : 22 of 26 Marks: 2 (Budgeted Time 4 Min)

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Answer ( Please click here to Add Answer )

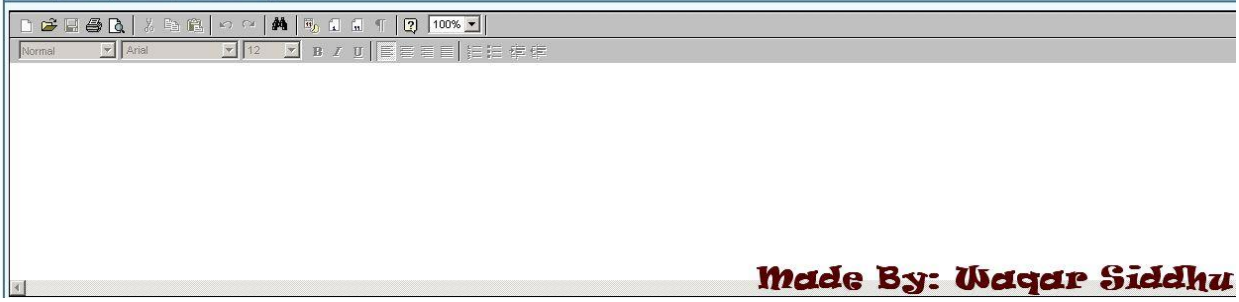


Made By: Waqar Siddhu

Question No : 23 of 26 Marks: 3 (Budgeted Time 6 Min)

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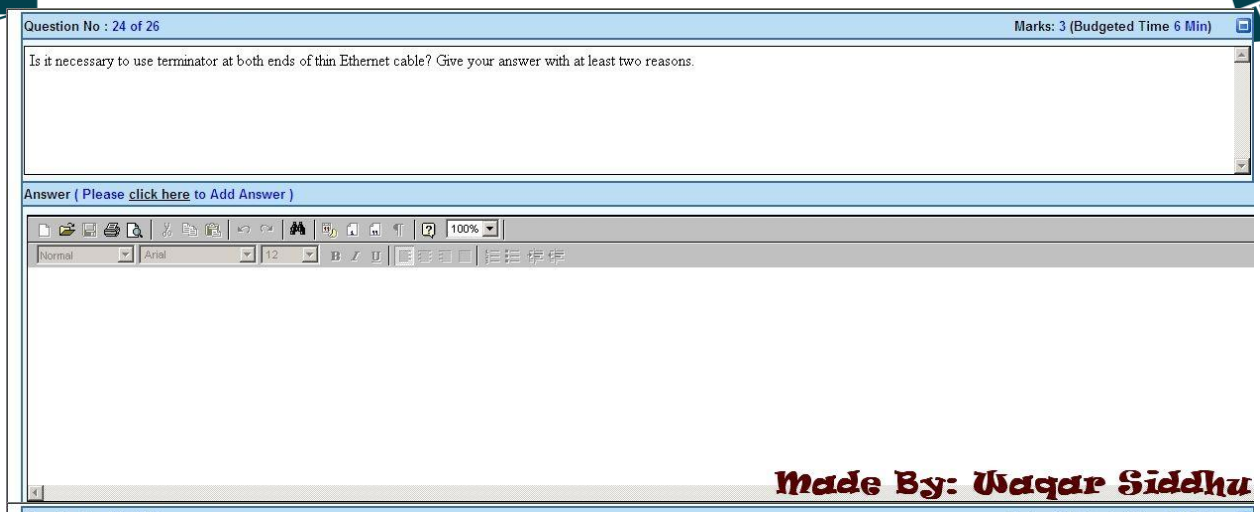
Answer ( Please click here to Add Answer )



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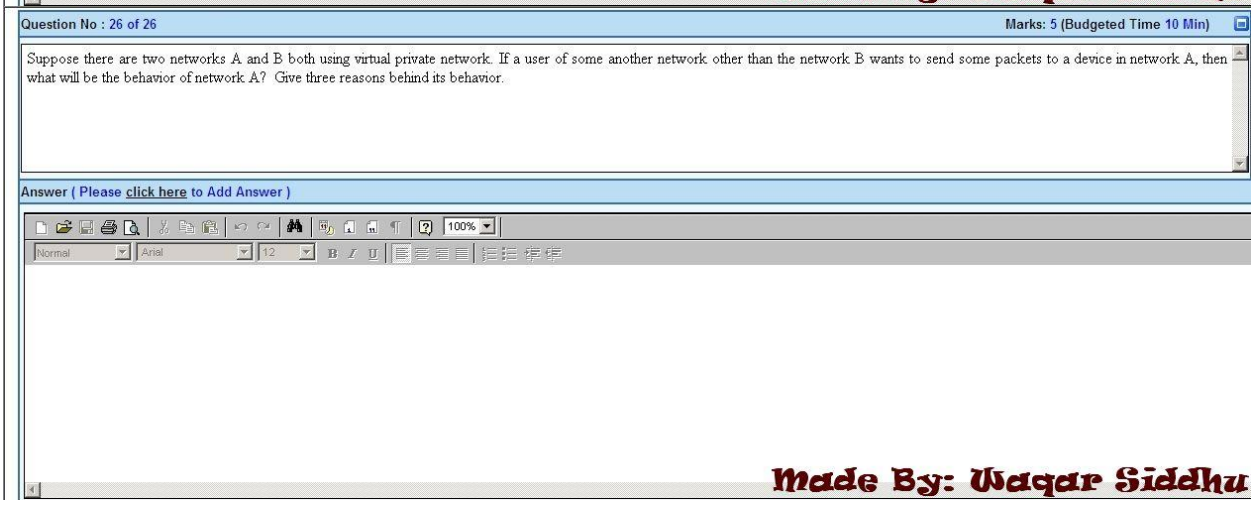
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