



ST.MARY'S CO_ED SCHOOL,HARDA
CLASS – VIII
SUBJECT – COMPUTER
Chapter 1 about networking

Answer in one word/sentences.

1. Which network is completely trouble free and easy to maintain ?
Wireless Network
2. Where is the Ethernet cable plugged in on the LAN ?
Network card
3. Which is the popular way to provide high bandwidth for faster internet Access Speed?
Broadband connection
4. Which are the networks that are combined to a building or to a group of buildings?
LAN
5. Which network connects an area larger than a LAN but is smaller than a WAN, such as city, with Dedicated high performance hardware?
MAN
6. Write the full form of CAN.
Campus Area Network
7. What are server ?
ANS. Servers , which are powerful computers and are held at a Central location within an organization they provide services add information to a number of workstation computers .

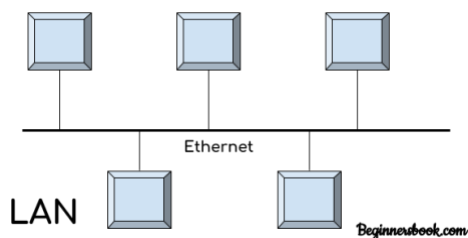
SHORT ANSWERS

Q . 1 How Does Networking Improve File Management?

answer Networks Offer a quick easy and reliable way to share files directly instead of using a disk or pen drive to carry file from one computer to another computer which is a time consuming and not a very reliable process .

Q. 2 define LAN, MAN,WAN.

1. Local Area Network (LAN)



1. Local area network is a group of computers connected with each other in a small places such as school, hospital, apartment etc.
2. LAN is secure because there is no outside connection with the local area network thus the

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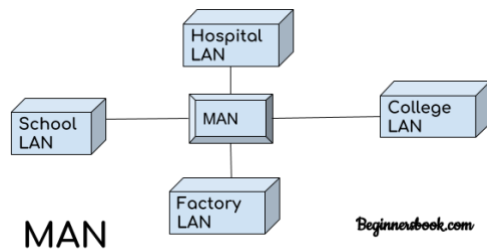
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data which is shared is safe on the local area network and can't be accessed outside.

3. LAN due to their small size are considerably faster, their speed can range anywhere from 100 to 100Mbps.

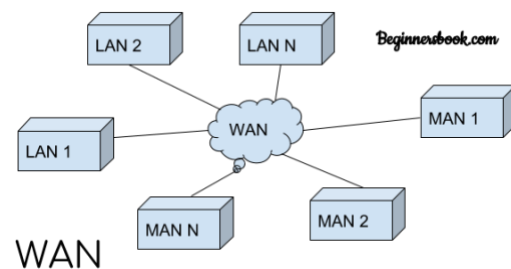
4. LANs are not limited to wire connection, there is a new evolution to the LANs that allows local area network to work on a wireless connection.

2. Metropolitan Area Network (MAN)



MAN network covers larger area by connections LANs to a larger network of computers. In Metropolitan area network various Local area networks are connected with each other through telephone lines. The size of the Metropolitan area network is larger than LANs and smaller than WANs(wide area networks), a MANs covers the larger area of a city or town.

3. Wide area network (WAN)

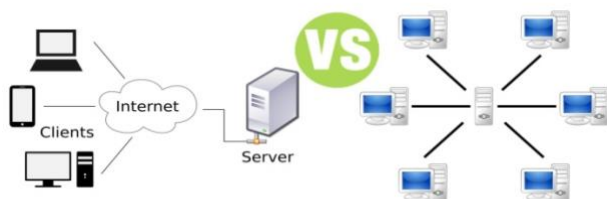


Wide area network provides long distance transmission of data. The size of the WAN is larger than LAN and MAN. A WAN can cover country, continent or even a whole world. Internet connection is an example of WAN. Other examples of WAN are mobile broadband connections such as 3G, 4G etc.



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Q.3 what is the difference between Peer to Peer and Client server network?



The Differences between Client/Server and Peer-to-Peer

Client/Server	Peer-to-Peer
1) Server has to control ability while client's don't	1) All computers have equal ability
2) Higher cabling cost	2) Cheaper cabling cost
3) It is used in small and large networks	3) Normally used in small networks with less than 10 computers
4) Easy to manage	4) Hard to manage
5) Install software only in the server while the clients share the software	5) Install software to every computer
6) One powerful computer acting as server	6) No server is needed

Q .4 what happens in the case of wireless networking?

Answer . Computers are connected basically to communicate. In a similar way wireless networks are created to communicate between two devices without using wires. The communication happens very similar to a two-way radio communication where the wireless data adapter changes into a radio signal, transmits and then the wireless router is used to receive the data and decode the information. Unless wired network, this is portable and you can use the wireless network in around 50 m(approx) distance.



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