

- Because of computer network and internet, it is possible for users to have personal communication via E-mail:
- personal communication can also be achieved via video or audio or teleconferencing, browsing, chatting, surfing, voice over internet phone (VOIP)

7. Flexible working environment

- Computer network enables the employees of a company to connect to their office while they are in travelling or at home.
- computer network allows the users to work even though they are physically away from their office. Thus C/N environment is flexible

8. Easier data backup and high reliability

- C/N provides shared storage devices where the backup (copy) of critical data is stored & that data is accessed as & when required.
- In C/N environment, data is kept as backup on every machine, if one machine fails or crashes, then the same data can be accessed from other machine

9. Remote data access

- Users can browse or surf the web (www) for information such as arts, science, sports, travel, health, history, recreation etc using internet.

10. Internet service

- Internet provides a mean for personal communication by sending or receiving messages via e-mail. Internet allows the users to download/upload the data and information.

11. E-commerce

- Business like selling or buying of goods or shares can be made on on-line using Internet by cashless transaction

12. Home applications

- Internet provides an access to remote information (distributed system). It allows the users to pay their monthly electricity & telephone bills on on-line. People can refer to e-news, e-library, e-books, e-journals etc. Children can play flash games on on-line.

Q 3 Explain various types of computer network 5M

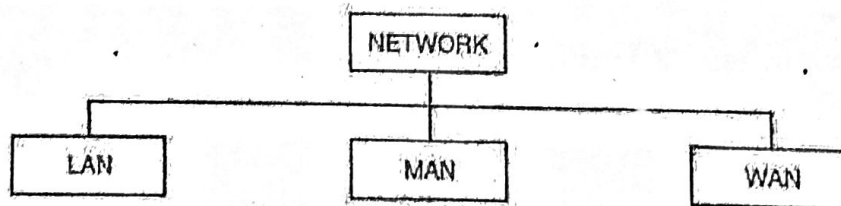
Computer networks are classified:

- Based on scale & size / geographical area
- Based on transmission technology

Q 3(a) Explain various types of computer network based on scale and size

Computer Networks are classified on the basis of size and scale into 3 types namely:

1. LAN (Local Area Network),
2. MAN (Metropolitan Area Network),
3. WAN (Wide Area Network).



1. LAN