

Question.2: (b) Differentiate between optical and magnetic storage?

Answer: Difference between optical and magnetic storage:

Optical Storage	Magnetic Storage
1: Optical Storage stores data as dents by using a laser.	1: Magnetic storage stores data in magnetic form.
2: In Optical Storage data is not affected by magnetic field.	2: In Magnetic storage data is affected by magnetic field.
3: It has less storage capacity.	3: It has high storage capacity.
4: It uses a laser to read and write.	4: It does not use laser to read and write.
5: It is difficult to modify data in optical storage.	5: It is easy to modify data in magnetic storage.

x-x

Question.3: Based on the discussion related to internet and its services, explain Telnet and FTP services and write a short review of any software designed on Telnet and FTP?

Answer: Telnet: Telnet service provide the opportunity to an internet user to log in to another computer through the internet from his/her local computer. This action is called "remote login".

To start a remote login session, a user types telnet command and address of the remote computer on his/her local computer. The remote computer then authenticates the user by asking him/her to enter a login name and password. If the user specifies a correct login name and password, the remote computer logs in the user and telnet command then enters input mode. From now onwards, anything that the user types on the local computer is sent to the remote computer for processing.

Common uses of Telnet:

- For using computing power of a remote computer.
- For using some software on a remote computer, which is not available on user's local computer.
- For logging in to one's own computer from another computer.

Software designed on telnet: The term telnet also used to the software that implements the client part of the protocol.

File Transfer Protocol (FTP): It provide the opportunity to the internet user to cut a file from one computer to another computer through internet. A file may contain any type of digital information, text document, image, artwork, movie, sound, software etc. FTP has two basic services:

1. **Downloading:** The process of moving a file from remote computer to one's personal computer.
2. **Uploading:** The process of moving file from one's own computer to a remote computer.

Software designed on FTP: It is a standard internet protocol used as the name suggest to transfer file between computers. FTP software uses a client server model so it requires two parts, an FTP client and FTP server.

FINISHED
