Protection:-

⇒ It determines who can open the file, read the file, work the file, write the file, edit the file and so on.

Date and time:-

⇒ It gives information about creation of file date and time, last modified date, end time e.tc.

Topic:- File Operations.

i) Creating a file :-

⇒ A file is created in two steps:

First → Space in the file system must be found.

Second → An entry for the new file must be made in the directory.

ii) Reading a file:-

⇒ To read a file, name of the file must be specified. The directory is searched for that entry. If found that the file is ready to read.

iii) Writing a file:-

⇒ To write a file, we have to specify the name of the file first, if it found then we have to specify its location to write.

iv) Repositioning within a file:-

⇒ The Directory is searched for the appropriate entry a free and current file position pointer is reposition to a given value. These operation is also known as file seek.

v) Deleting a file:-

⇒ To delete a file, we search the directory for the name of file. If found we redeale all file space. So that it can be re-used by other value files and erase the directory entry.

vi) Truncating a file:-

⇒ It means to erase the contents of a file can keep its attributes.

Topic:- Graphical user Interface (GUI).

⇒ The basic concept of GUI is - "what you see is what you get". GUI is easy

to learn, understand operate. It make the task easy for the uses and therefore computer finds its wide-spread application.

TOPIC:- Application Software.

⇒ Application Software are those software which are designed and developed to perform specific task. Some of the application softwares are:
Turboc, Turboc++ Java, visual basic 6.0, Abode Photoshop, •Net, PHP, Joomla, MS-office, oracle etc.

TOPIC:- Networking Software.

⇒ Networking Software is an important software for computer connected in a network. The networking software helps the system administrator to devlop, manage and monitor a network. It identifies whether all the system connected in a network are properly functioning or, some of the system are not working. Some of the commonly used hardware in networking are:

Routers, Repeaters, Switches, hubs etc.
Forms the networking software into
the required Solution.

Topic :- Network Security.

=> Network Security is the Protection and
Prevention mechanism through which
a computer remains Safe over a long
Period of time. There are many Spe-
cialized Software which take care of
network Security.

      These Specialized Softwares
are known ed Antivirus. Such as, quick
heal, Avg, K7 --- etc. Also we form
administrator, user etc. with the
different access Permission which
Protects the network.