

Q. 15 Explain types of Software Packages? Or Explain Application Software Packages.

Ans. There are some types of software packages work with own characteristics and features.

There are some types of software packages as under.

- 1) Word Processing software
- 2) Spread sheet software
- 3) Presentation software
- 4) Graphical software
- 5) Animation/sound/video software

1) Word Processing Software :-

Word processing is a software which has all the facilities which can be applied on a word.

You can process on your word, sentence page or entire documents.

Word processing packages use for formatting work of data.

A word processing packages use for formatting work of data.

A word processing is a software program capable or creating, storing and printing documents.

Document can also be saved for medication at a later time or to be opened on any other computer using the same word processor.

Word processor generally refers to a WYSIWVG system where are formatting takes place while you enter you text no further processing is needed prior to sending your work to a printer.

Example : Ms Word, lotus word pro, word perfect, page maker, easy word etc.

2) Spreadsheet software :-

A spreadsheet is simply a table or matrix of rows and columns, very similar to an accounting journal.

The intersection of each row and column is called cell.

Flexi bling, speed and accuracy provide by an electronic spreadsheet.

Spreadsheet is a name for all programs designed to handle all accounting and statistical problems.

Spreadsheet packages are designed to use number and formula to do calculation.

Example : Ms. Excel , lotus 1-2-3. Cloud and online spreadsheet are google docs, wikicals etc.

3) Presentation software :-

A Presentation program is a computer software package used to display information, normally in the form of a slide show.

It typically include three major functions.

1. An editor allows taxable inserted and formatted.
2. Method for inserting and manipulating graphics with these object
3. Slide show system to display the designed slide content.

Basic presentation software feature are insert slide feature, deletion of inserted slides, cut and paste duplication.

The presentation designed in a slide show system.

Exmple :- King soft presentation, Microsoft PowerPoint.

4) Database Software :-

A DBMS (Database management system) is called Database manager or software.

It is used to create an environments where data can be stored in one place and need only a single input and updating to have data integrity, integration and data sharing.

The most typical DBMS is a relational database management system (RDBMS).

Some basic feature of most of database management system are given as follows.

1. Creating, saving and printing
2. Creating custom data entry forms modifying file structures, creating data entry screens
3. Adding data, editing entire and deleting.
4. Moving, searching data and indexing
5. Query files creating.

Example :- Microsoft access, SQLBase, MySql, SQLite.

5) Graphical software :-

Graphical software is a form of application software the use of form of application software the use of editing, creating, manipulating and viewing graphic files.

The two main types of graphics software

1. Raster graphics :- Raster Images is made up of pixels raster graphics are commonly know as BITMAP Images for example BMP, GIF, JPG.
2. Vector graphics :- Vector graphics or vector graphics image is made up of paths.
Example .eps file or adobe illustrator file.

6) Animation software :-

Computer animation can be describe as an art for computer technology.

Animation in this from can apply to images on a computer or to those feel.

Speed is key to success of computer animation.

A computer and special animation software which necessary for the creating of computer animation.

Example for 2D animation is Microsoft Silverlight and for 3D animation cinema 3D and 4D Maya, Blender.



Q. 16 Write a short note on GSM

Ans. GSM is stand for global system for mobile communication

GSM is a new technology which is used for communication.

GSM is called a 2nd generation or 2G communication technology

GSM is an international standard. If you travel in Europe and many other parts of the world,

GSM is the only type of cellular service available.

GSM was developed as a digital system using TDMA but now and FDMA.

Mobile services based on GSM technology were first launched in Finland in 1991.

According to GSM mobile phone users word wide.

GSM makes use of two principles as under

- 1) First called time division multiplexing
- 2) Second called frequency division multiplex.

Advantage usage of GSM

- 1) Improved sect rum efficiency.
- 2) International roaming
- 3) Low – cost mobile sets and based stations
- 4) High – quality speech
- 5) Capability with integrated services digital network and other telephone company services
- 6) Supporting for new services.

Q. 17 **What is virus? Explain types of virus.**

Ans. Virus is a small software that damage the real program.

A computer virus is a computer program that can itself and effect a computer without permission or knowledge of users.

A computer virus passed from computers to like biological virus passes from personal to person.

Actual history of virus started in the early 1970s when 'CREEPR' virus was first detected in 'ARPANET'

Here are a few indicates that your computer might be effected from virus.

- 1) Your computer runs more slowly than normal.
- 2) You computer crashes and restart every few minutes
- 3) Your computer restart on own and then failed to run normally
- 4) Application on your computer don't work correctly
- 5) You cannot print correctly.
- 6) You see unusual error message.
- 7) The virus attach its self to many file
- 8) Program may hang the computer or not work at all.

There are some types of virus

1) **File virus / file infectors :-** this type of virus infects program file.
Normally they infects all types of executable files which may be .com, .exe .dll etc.

2) **Boot sector virus :-** These virus infect executable code found in certain systems area on a disk.

All floppy disks and hard disk or some USBs too, contain a small program in the boot record that is run when the computer starts up.

3) **Multi – partite virus :-** They are infect both boot records and program files
They are particularly difficult to repair.

4) **Micro virus :-** these types of virus infect data files such as it can infect your Microsoft word application or similar applications.

5) **Stealth virus :-** these virus use certain techniques to avoid detection.
They may alter the reading of the infected files size shown in the directory listing

6) **E-mail virus :-** virus authors adapted to the changing computing environments by creating the e-mails virus.

For example , the Melissa virus in march, 1999 was spectacular in its attack Melissa spread in Microsoft word documents sent via e-mail

The I LOVE YOU virus , which appeared on May 4, 2000 was even simpler.

It contained a piece of code as an attachment people who double- clicked on the attachment launched the code.

Production from virus :

- 1) Use a good antivirus program to scan drive
- 2) Install software for original disk
- 3) Scan file download from the internet
- 4) You should never double-click on an e-mail attachment
- 5) Avoid programs from unknown sources like the internet
- 6) Avoiding all macros is a great policy

Some antivirus software as under:

- 1) Panda antivirus
- 2) F – secure antivirus
- 3) Zone Alaram antivirus

