

PARAGON CONVENT SCHOOL

SECTOR 24 B CHANDIGARH

CLASS – 5

CHAPTER -2 TYPES OF SOFTWARE

RECAP:-

1. The software is a collection of programs that is stored and runs on the computer hardware, and helps the users to work on the computer.
2. The software is of two types: System software and Application software.
3. System software is a collection of programs that controls the overall operations and internal working of a computer system.
4. An operating system controls the overall activities of a computer.
5. Utility programs perform specific tasks related to managing a computer, its devices, or its programs.
6. A language processor plays a vital role in translating the programming language into machine language.
7. Application software is a set of programs, developed by programmers in order to perform specific types of jobs.

BRAIN DEVELOPER





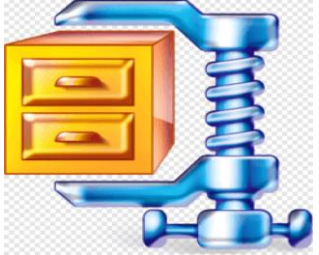

Q A. Fill in the blanks:-

1. The software is of two types System and application.
2. Operating system controls the activities of a computer.
3. An operating system manages all input and output devices.
4. Utility programs perform specific tasks related to managing a computer, its devices or programs.
5. The presentation software is used to present an idea or concept.
6. Windows Media Player is an example of Multimedia software.

QB. State True or False.

1. Application software can run without the presence of system software. False
2. A language processor translates the machine language into programming language. False
3. Backup is a process of shrinking the files on a desk. False
4. VisiCalc was the first computer spreadsheet program. True
5. An interpreter translates the whole program into an equivalent code in one step. False

Q C. Match the following:

Spreadsheet	
Word processor	
Graphic software	
Presentation software	
Compression	
Desktop publishing	

Q D. Multiple Choice questions:-

1. Which among the following utilities checks the connectivity and configuration of network devices?

- a) Devices b) **Network** c) File Manager

2. _____ operating system allows a user to run more than one application programs at the same time.

- a) **Multitasking** b) Multi- user c) Multipurpose

3. A _____ program helps you to perform calculations and analyse data in a better way.

- a) **Spreadsheet** b) Word Processor c) DTP

4. _____ is an example of an antivirus utility program.

- a) **Norton** b) Win-zip c) Both a and b

5. Software that is designed to meet the specific needs of the users is called _____ software.

- a) **Specific purpose** b) General purpose c) System

6. Which utility software shrinks files so that less disk space is occupied?

- a) Back up b) **Compression** c) None of these

Q E. Answer the following questions:-

Q1. Define the term Software .Name its types.

Ans. A software is a collection of programs that is stored and run on the computer hardware, and helps the user to work on the computer .The software is that part of a computer, which cannot be touched or seen. Software is of two types: System Software and Application Software.

Q 2. What is an Operating system? List any two of its functions.

Ans. An Operating system controls the overall activities of a computer. It acts as an interface between the user and hardware, and enables them to work together. Two functions of operating system are:

1. **Device management (Input/Output)**: An Operating system controls the working of all input and output (I/O) devices.
2. **Memory Management**: An Operating system assigns memory to various programs whenever required. It also frees the memory when it is not in use.

Q 3. Explain the term Utility Software.

Ans. Utility Software performs specific tasks usually to managing a computer, its devices programs. These programs assist in the smooth functioning of the computer system and help it to perform better. Antivirus, back up, disk repair, file management, compression, and network programs are some of the examples of the utility programs.

Q 4. What is the function of a Word Processing software?

Ans. A Word processor helps us to create professional looking documents quickly and efficiently. It provides many features to change the appearance of the text in the desired manner. We can easily add, delete, rearrange, or beautify the text, and even produce a hard copy of the required document as per requirement.

Q 5. What is the use of scanning utility?

Ans. The act of examining the computer system, drives, or files for possible virus or malware attack is known as scanning. Scanning is done by using antivirus utility. This utility provides protection to your computer against virus attacks. It includes tools to recover lost files and protect your machine against system failure.

Q6. State the difference between multi-user and multi-tasking.

Ans. **Multi- user**: Multi- user operating system allows users on different computers to access a system at the same time. These computers are connected to the main computer through a network. The multi-user operating system can handle the various needs and requests of all the users.

Multi- tasking: Multi- tasking operating system allows a user to run more than one application programs at the same time. In multitasking, the operating system keeps the track of the program we are in, and allows us to switch from one program to another without losing information.