

Good Morning Students,

Students, this lesson is for class-5 for the subject of Computers, Topic - 'Functions of Operating System' which is covered in chapter-2 starting on page of your text book, titled - 'Kips-logix.' and is being submitted to you on 6.5.24

I hope all the students are ready for today's lesson. So let us start with the topic.

* Functions of operating System:- Students, All of you know that Windows i.e. operating system manages all the working of a computer. Today, you will study about different functions of operating system i.e. windows. The main functions are as follows:-

1. Device Management (Input/Output):- An operating system manages all the input and output devices.

like- key board, mouse, monitor, CPU, Printer etc.

2. Memory Management:- An operating system provides memory to various program for storage whenever required. It works on the concept of RAM and ROM that you have already studied in previous class.

3. Runs Software:- If Operating system i.e. windows is present in the computer, you will be able to run any type of application software- like Paint, MS-word, MS-Powerpoint etc.

4. Processor Management:- An operating system manages the working of the processor i.e. CPU by giving various tasks to it. In this, all the processing will take place like- Calculations etc.

5. File Management:- When you do any work in any application software like- in MS-Paint, MS-word, MS-Excel etc. An operating system only keeps track of all these files that you save after creating. It also keeps track of

Class- V

Subject- Computer

Ch-2 'Types of Software'

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information regarding deletion, transfer, copy and storage of files in an organized way.

6. Security:- Students, It provides security to prevent misuse of a computer. If you are spending so much time on a computer and you have important data stored in the computer, then this function of operating system will help you to protect your computer; by using passwords. You can also set passwords according to your requirement.

* children, all of you, may now take break. During break time, All of you will give answers for some questions. And the questions are:-

Q:-1. which function of operating system manages all input and output devices?

Q:-2. which function helps in doing all the calculations?

Q:-3. which function enables the use of passwords?

let me give you answers first and the answers are:-

Ans:-1. Device Management

Ans:-2 Processor Management

Ans:-3. Security

* Children, let us continue with the next topic present on page no-18 and the topic is-

→ Types of Operating System:- Students, operating system is of different types that we will study one by one. These are:-

1. Single User
2. Multi user
3. Multi tasking

1. Single User:- Students, this type of operating system can be used by only one user at any given time. This is the most common type of operating system. For e.g- operating system that are single user can be used at home and In-office.

* children, I am ending the lesson here, Please read and listen to the audio of the lesson carefully and also learn all the functions of operating system.
Thank you...