

ch-1 'Categories of Computers and Computer languages'

Good Morning Students,

Students, this lesson is for class VI, for the subject of Computers. Topic is 'Categories of Computers and Computer languages', which is covered in chapter '1' starting on page no. 06 of your text book titled 'Logix'.

So, I hope all the students are ready for today's lesson. The name of the topic is 'Types of Computers'. Children as you know that computer is an electronic device for storing and processing data. There are various types of computers that are designed and categorized with respect to their size, speed, storage capacity and cost. Children, today we will discuss various types of computers.

Types of Computers :-

1. Micro Computers :- Students, Micro Computers are small in size and are mainly used in homes, schools, offices etc. These computers are usually designed for personal use. There are various types of Micro Computers that are discussed below :-

A. Desktop Computers :- A desktop computer is a personal computer that is designed for regular use at a single location and they fit on the top of a desk comfortably. It comes with several units, such as monitor, CPU, keyboard, mouse etc.

b. Laptop Computers :- These devices are battery operated and are portable which means you can carry laptops from one place to another. These are small in size and can be placed on the lap. Laptops usually have 13 to 15 inch screen.

c. Tablet Computers :- Tablets are smaller and lighter than laptops but bigger than Smart phones. It is having a touch-sensitive screen for typing and navigation. Tablets have 7 inch, 8 inch or 10 inch screen.

d. Palmtop Computers :- A device that can fit in the palm of your hand is known as palmtop computers. It has a small screen and compressed keyboard. This device has similar features as that of a computer.

e. Handheld Devices :- The handheld computers are also known as Personal Digital Assistants (PDAs). These devices are small in size and can easily be held in hand. They can be easily carried in a pocket. For example Smart phones, Game consoles, tablets etc. Smart phone is a handheld device that is basically used for calling but it includes all the basic features of a Computer. Whereas Game consoles are used to play interactive video games. This device comes with a display screen, game controls and speakers.

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f. **Embedded system** :- It is designed to perform a specific task in various devices.

It is made up of all essential computer components like CPU, RAM, ROM, input / output medium, but it does not have keyboard, mouse or hard disk drive. For eg. TV sets, washing machines, microwaves etc are the devices that are controlled by embedded system. This system is also known as Microcontroller.

Students, I am giving you three minutes break. During break try to answer the following questions :-

Ques 1. The _____ computers are also called PDA's.

Ques 2. Laptops usually have _____ inch screen.

Ques 3. _____ are used in homes, schools, office etc.

Let me give you the answers of the questions asked during break.

Ans 1. Handheld

Ans 2. 13 to 15

Ans 3. Micro Computers

Children in our next topic we will discuss another types of computers

2. **Mini Computers** :- These computers are bigger in size than Micro computers and have a higher processing speed. These computers

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or devices can support about 4 to 200 users at same time. Mini Computers are not used for personal use at homes. They are used in big organizations.

3. Mainframe Computers :- These are very expensive and are mainly used for bulk data processing in big organisations, scientific laboratories etc. Mainframe computers are big in size with large memory and high speed.

4. Super Computers :- These computers are used for weather forecasting, space research etc. Super computers are very powerful devices with a huge processing speed.

children, I am ending the lesson, kindly read the side the side boxes carefully given on page no. 07.