

CHAPTER- 30

The Wonders of a Computer

Manglu and his mother had to go from Raipur to Bhopal after a week. He went to the railway station with his mother, filled up a form and deposited it at the reservation counter. The Railway Reservation Officer pressed the keys of the keyboard and in no time produced a ticket. Manglu was surprised. How fast can a computer give a ticket !

Manglu asked his mother - What is there in the computer that can search and tell the berth/seat available in a coach after a week's time?

The mother told Manglu that a computer is a unique machine. You can do many things on a computer.

Discuss with your teacher and write-

What can a computer do for us.

Rani's mother works in the electricity department. Her mother told her that in her office electricity bills are made with the help of a computer. Earlier it used to take a lot of time to prepare these bills. But now, with the help of computers, the work has become easier.

Is there a shop or an office in your area where there is a computer? Find out the nature/kind of work done with the help of computers?

Find out from your teacher how a computer would have helped in the making of this book?



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Memory of a Computer

The book you are reading has been typed on a computer. For printing this book, all matter was saved on a CD and given to the printing press. Similarly, we get CD's of various films and games in the market.

Look at the different parts of a computer and tell.

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A detailed illustration of a vintage computer keyboard, likely from the 1980s or 1990s. It features a full-sized layout with a numeric keypad on the right. The keys are dark with light-colored lettering. A coiled cable is attached to the front-left corner. The keyboard has a slightly raised, ergonomic design.

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Mouse

As it looks like a mouse, hence, this name is given to it. It can be used to draw pictures, point and select the items on the computer.



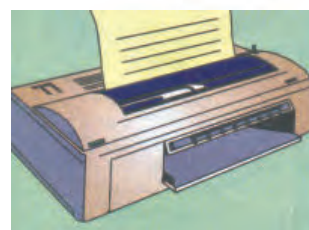
CPU-The Memory box of a Computer

Attached to the monitor is a box called CPU. On pressing its bottom, the computer starts working. It is called the memory of the computer. All information sent by keyboard and mouse are analysed and decoded here.



Printer

If a letter is written on a computer, it can be printed on paper using the printer.



Speaker

There are two speakers attached to a computer. As a speaker helps to produce sound, you can listen to the songs and the dialogues of a film.



Computer - A store House of Information

If you have to collect information on a famous personality or a place, then what will you do? Where will you go? Whom would you talk to?

- | | |
|----------|----------|
| 1- _____ | 2- _____ |
| 3- _____ | 4- _____ |

Internet is a technique through which various computers of the world over can get connected to each other. For example there is an information of Tirathgarh in Chattisgarh on the internet. If you want pictures of Tirathgarh, you can get it through internet. Information fed on one computer can be transferred to different computers. You can also get information on living creatures, plant kingdom, tourist centre, sports, politics etc. of the country and abroad with the help of internet.

Kanchan's sister appeared for class XII examination. As soon as the results were declared, she went to a cyber cafe and within no time saw her result on the computer.

There is a lesson on Louis Pasteur in your book. Louis's picture has been taken from the internet.

Do you remember, that Manglu and his mother obtained their tickets from the computer. Had Manglu's mother wanted, she could have obtained their return tickets from Bhopal to Raipur from Raipur itself.

Modern way of sending letters - E-mail

We write and send letter to our relatives by mail, which takes a few days to reach them. The same information can be sent by the internet in seconds. This is called e-mail. It requires no phone or paper.

How to E-mail?

Champa lives in Bastar. She sent an e-mail to her uncle who lives in Calcutta.

Had Champa written a letter, she would have written the address and posted it in the letter box.

Champa typed a letter on the computer and sent it at her uncle's e-mail address. In no time, she received her uncle's reply. Within minutes both could exchange messages.

E-mail address is always written in English. Like Champa's uncle's address is written below : prashant@yahoo.com

This address has Champa's uncle's name in the beginning. Then with the help of keyboard is written @ then yahoo is written without leaving any space. The yahoo named agency sends letters. When the mail account is opened, all the alphabets are written in small letters.

Make your e-mail

There is a girl named Salma. She wants to open her mail account in yahoo. She made her e-mail address like this-

salma@yahoo.com

Similarly, you too can make your own e-mail ID.

What should you remember while making your own e-mail ID?

What have we learnt?

Oral

1. Where can the computers be used?
2. What is the work of the mouse of a computer?
3. What are the functions of a computer?

Written

1. Name the important parts of a computer.
2. What is the work of the keyboard?
3. How can you e-mail with the help of a computer?
4. How is a computer better than a typing machine?

Find Around You

1. What can a computer do? Find out.
2. You can draw pictures with the help of computers. Find out how? If you get an opportunity you must try it out.
3. How has the computer affected the work in the offices? Find out.
4. Is there a cyber cafe near your house from where you can e-mail? Collect more information on e-mail and internet.
5. Find out about other mail agencies like **yahoo**.

