

ARROW

MOUSE

THE COMPUTER BOOK - 2

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ANSHUMAN SEN



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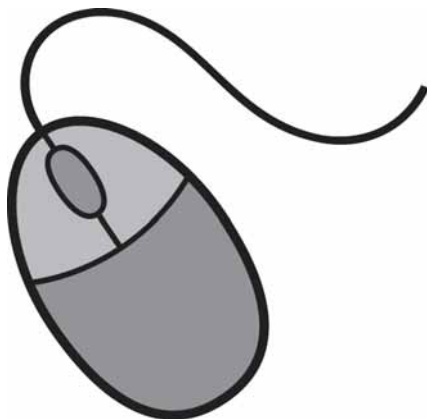
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FOREWORD

I am glad to see that Arrow Publications Pvt. Ltd. is introducing a series of books on computers from I to VIII class titled MOUSE - The Computer Book. This is definitely a pathbreaking endeavour and will generate a new impression in Computer Aided Learning (CAL) in schools.

I am sure that this will also open up more opportunities for innovative learning and teaching practices. The students will acquire technology skills by using these tools and it will generate a quest for acquiring new knowledge among them.

The efforts of Arrow Publications Pvt. Ltd. towards making learning a joyful and exciting experience in our schools are commendable.

I wish them enormous success in all their future endeavours.

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PREFACE



The field of computers is evolving at such a pace where concepts, technology and terminology are continuously changing.

The traditional methods of imparting education are also rapidly metamorphosing and throwing up new concepts.

To bring two such dynamic entities together is a herculean task and can prove to be challenging to anyone who ventures into it.

Arrow Publications Pvt. Ltd. has decided to take up this challenge. **Arrow** brings to you a series of eight books on computers where sincere efforts have been made to provide learners with a good understanding of the basics, which are required to build a strong foundation in the field of computers.

Relevant and contemporary content, lucid language, attractive illustrations and constructive exercises make learning the subject of computers more meaningful and enriching.

We truly believe that **MOUSE - THE COMPUTER BOOK** will be useful in grasping the concepts better and making the journey of education more fruitful and engrossing.

– Arrow Team

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Unit-I : Computer Basics

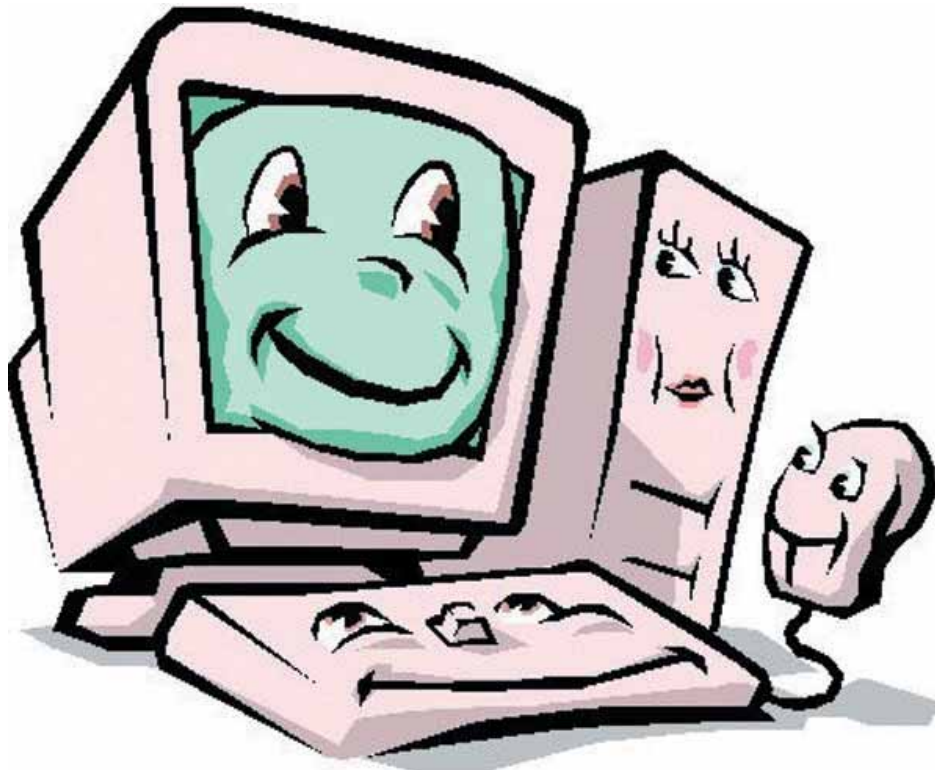
1.1. What is a Computer?

By the end of this lesson you will know about:

- What is a Computer
- Advantages of Computers



The computer is an electronic device like the TV, the CD player, the Mobile Phone and other devices. We can use computers for processing data (information). It accepts data and instructions (commands), stores them in its memory, processes the data and gives out the result.



Nowadays, computers are used in every part of our life. By using computers, we can complete work faster.

At school, we can use computers to paint and play games.

COMPUTER, CALCULATOR AND HUMAN BEING

Let us learn about what a computer, a calculator and a human being can do.

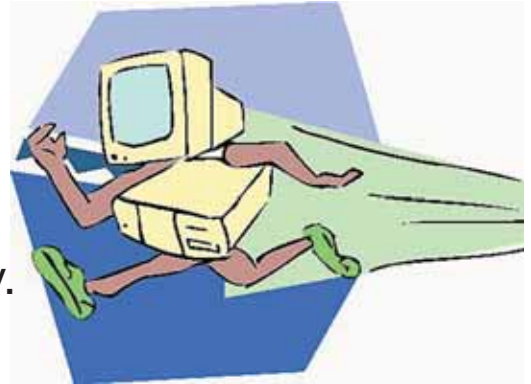
WHAT A COMPUTER CAN DO:

The computer can work continuously.

The computer works fast.

The computer does the work accurately.

The computer cannot think.



WHAT A CALCULATOR CAN DO:

The calculator is small in size.

It can do simple calculations.

It has a small screen.

We cannot type text as it accepts only numbers.



WHAT A HUMAN BEING CAN DO:

Human beings are slow in doing calculations.

Human beings need rest after work.

Human beings can think.

Human beings have emotions and feelings.

EXERCISES

A. Answer the following:

1. List the advantages of man over the computer.

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2. List the advantages of the computer over the calculator.

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3. What is a computer?

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4. What can a computer do?

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5. Write the names of any four places where you have seen computers.

.....

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1.2 Advantages of Computers

By the end of this lesson you will know about:

- The advantages of Computers



Computers are used to store information and produce the results. Some of the advantages of computers are

- Accuracy
- High Speed

Due to the above advantages, computers are used in many places. Let us see some examples where computers are used.

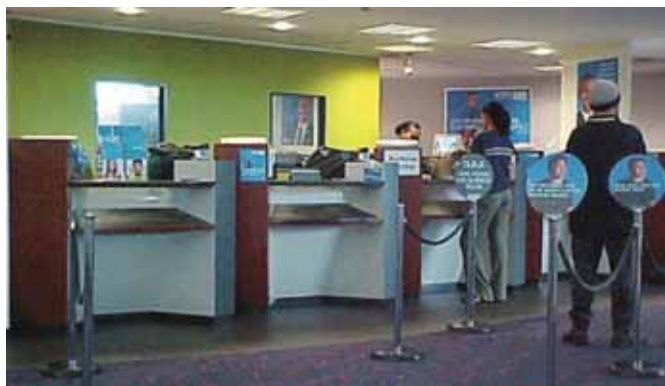
HOSPITALS:

In hospitals, computers are used to enter the information of patients. Computers are also used for treatment. The billing details of the patients are also generated using computers.



BANKS:

At banks, the entire transactions are done using computers nowadays. We can see computers in ATM centers where we can draw money any time. This is one of the best advantages of computers in banking.



SCHOOLS:

Computers are used in schools for effective teaching and also for many administrative works.

RAILWAY STATIONS:

At railway stations, computers are mainly used to issue tickets to the passengers.

Computers also provide information about the arrival and departure of trains.



EXERCISES

A. Answer the following :

1. What are the advantages of computers?

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2. Discuss how computers are used in hospitals.

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3. Discuss how computers are used in banks.

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4. Discuss how computers are used in schools.

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B. Fill in the blanks:

1. Computers are used in railway stations for issuing _____ to passengers.
2. At hospitals, computers are used to enter the _____ of patients.
3. At schools, computers are used for _____
4. Nowadays, we can see computers in _____ centers for drawing money.
5. The main advantages of computers are _____ and _____.

C. Match the following:

- | | |
|---------------------|--------------------|
| 1. Schools | patient treatment |
| 2. Railway stations | effective teaching |
| 3. Bank | to issue ticket |
| 4. Hospitals | in ATM centers |