

• can remember limited information.

• can store lots of information.



MUST KNOW

A computer is fast. However, there are some computers that are faster than others. The speed of a computer depends on its processing speed as well as RAM size.

Multiple Choice Questions

1. In the 'ATM Card-ATM machine-Notes' system, where does the processing take place?
(a) ATM Card (b) ATM Machine (c) Notes
2. Which of the following can imagine and think?
(a) A stone (b) A living human (c) A computer
3. In the 'oranges-juicer-juice' system, what is the input?
(a) Oranges (b) Juicer (c) Juice.





EXERCISES

A. Choose the correct option and write in the space provided.

- The word 'compute' means to calculate.
 (a) category (b) calculate (c) common
- Data means raw facts and figures.
 (a) output (b) information (c) data
- The result of processed data is called output.
 (a) data (b) output (c) input
- A computer works on the principle of I-P-O cycle.
 (a) O-I-P (b) I-P-O (c) P-I-O

B. Fill in the blanks.

² think ² imagine ⁵ facts ⁵ figures ³ Information ¹ electronic ⁴ sorting

- A computer is an electronic machine.
- Computer cannot think and imagine.
- Information is processed data.
- Processing is calculating or sorting the data.
- Data is raw facts or figures.

C. Tick (✓) correct and cross (X) the wrong ones.

- Computer works slowly. X
- Computer stores lots of information. ✓
- Computer gets tired easily. X
- Data is processed information. X
- Computer converts the instructions into binary codes. ✓
- CPU is Common Processing Unit. X

- X
- ✓
- X
- X
- ✓
- X

D. Answer the following Questions.

1. Define computer.
2. Write the names of some places where computer is used.
3. Define the following terms.
 - (a) Input
 - (b) Process
 - (c) Output
 - (d) Data
 - (e) Information
4. Write any three differences between man and computer.

E. Group Activity

Divide the class into several groups and ask them to discuss the topic. Also, write any three examples of IPO cycle.

F. Write down the correct steps below in each picture:

1.



P



I



O

2.



O



I



P

3.



I



P



O

G. Arrange the jumbled words:

1. U P C

C P U

2. U T N I P

I N P U T

3. A D T A

D A T A

4. U T O T U P

O U T P U T

5. S E S C O R P

P R O C E S S

6. O R I N M F T A I N O

I N F O R M A T I O N



In the Lab

Matching

Think of some processes where the input-process-output is clear to you. Write on paper some such examples like nail cutter, stapler, barber cutting hair, etc.