



APRIL NOTES

SUBJECT : COMPUTER SCIENCE

CLASS : III

CHAPTER – I Computer System

A. Tick(✓) the correct option.

1. Monitor and motherboard are the parts of:

(a) Hardware



(b) Software



(c) Humanware



2. In a computer, all the processing is done inside the

(a) CD



(b) CPU



(c) Pen drive



3. MS Paint, MS Word, MS Excel, MS PowerPoint and Wordpad are examples of:

(a) Hardware



(b) System Software



(c) Application Software



4. Look at the given process. Then choose the correct option.



1



2



3

(a) 1. =>input,

2.=>output,

3. => process



(b) 1. =>input,

2.=> process,

3. => output



(c) 1. => process,

2.=> input,

3. => output



5. Look at the given picture. It is a/an.....device.



(a) input



(b) output



(c) processing



B. Fill in the blanks using the given words.

Four

tired

input

CPU

Paint

1. A computer has four main parts.
2. The data and instructions given to a computer are called input.
3. A computer never gets tired.
4. Paint is an example of an application software to draw beautiful drawings.
5. CPU is a processing device

C. Write 'T' for true and 'F' for false statements.

1. You can touch a software program.
2. DVD is a hardware device.
3. A computer follows the I-P-O cycle.
4. The output printed on paper is called a soft copy.
5. Mouse is an input device.

F

T

T

F

T

D. Define the following:

1. Hardware: All the physical parts of a computer which we can see and touch are termed as hardware.
2. Software: The set of instructions given to computer hardware to make it work is called software.
3. Input: Input refers to the data and instructions provided to the computer by the user.
4. Output: The result of processing is displayed as the output.
5. Processing: The CPU processes all the input. It works on the data by using the instructions given by the user to give meaningful result. This task is known as processing.

E. Short answer question.

1. Write the names of two input and two output devices.

Answer: (a)Input Device:

1. Keyboard

2. Mouse

(b)Output Device:

1. Visual Display Unit

2. Printer

2. Name the three parts of the CPU.

Answer: The three parts of the CPU are

1. Arithmetic Logic Unit(ALU)

2. Control Unit(CU)

3. Memory Unit

3. Name the three types of printers.

Answer: The three types of printers are

1. Inkjet Printer
2. Laser Printer
3. Dot Matrix Printer

F. Long answer questions.

1. What do you understand by the I-P-O cycle? Explain with the help of an example.

Answer: I-P-O stands for Input-Process-Output



Input



Process



Output

Three steps for making mango shake.

Step1: Put a Sliced mango, milk and sugar into a blender. Here, mango, milk and sugar are the input

Step2: The blender mixes the mango, milk and sugar together. This is called processing.

Step3: The yummy mango shake that you pour in a glass is the output.

2. Write a short note on any one input device.

Answer:

Keyboard:

- A keyboard is an input device which helps to input data in the computer.
- Keyboards are of different sizes.
- The number of keys varies in different keyboards.
- Some keyboards have 84 keys. But most keyboards now have 104 keys.

3. Write a short note on any one output device.

Answer:

Printer:

- Printers are the most popular output devices.
- The printed or permanent copy of output is called a hard copy.
- Printers are of three types:
 - Inkjet Printer
 - Laser Jet Printer
 - Dot Matrix Printer

4. Describe the central processing unit and its three parts.

Answer:

The Central Processing Unit:

The Central Processing Unit (CPU) is the processing device.

It takes inputs, processes it and gives output.

The CPU is also known as the brain of the computer.

The CPU has three parts-

- 1.Arithmetic Logic Unit (ALU)
- 2.Control Unit (CU).
- 3.Memory unit (MU).

5. What is the difference between an Inkjet printer and laser jet printer?

Answer:

<u>Inkjet printer</u>	<u>Laser jet printer</u>
It sprays ink from the cartridges on the paper	The printer uses a laser beam to print on the paper.

G. Rearrange the given jumbled letters to form meaningful words.

1. RTEPINR - **PRINTER**
2. EPSAERKS - **SPEAKERS**
3. YBORDKEA - **KEYBOARD**
4. PTIUN - **INPUT**
5. SPRSCEO - **PROCESS**
6. SOMUE - **MOUSE**