

## COMPUTER

### CLASS-UKG

#### CH-1- Computer- A smart Machine

##### 1.Fill in the blanks

- a)A machine is a device made by h \_\_\_\_ m \_\_\_\_ s
- b)Machines save our t \_\_\_\_ m \_\_\_\_ and e \_\_\_\_ e \_\_\_\_ y
- c)Machines require h \_\_\_\_ m \_\_\_\_ n p \_\_\_\_ w \_\_\_\_ r or e \_\_\_\_ e \_\_\_\_ t \_\_\_\_ ic \_\_\_\_ y or f \_\_\_\_ \_\_\_\_ l to work.
- d)Ac \_\_\_\_ m \_\_\_\_ u \_\_\_\_ \_\_\_\_ r is a smart machine which never makes mistakes.

##### 2.State whether the following statements are true or false:

- a)A computer is a smart machine which is used for storing information.
- b)A computer makes its own decisions without taking help from us.
- c)A computer gets tired when it works hard.
- d)A computer is used by us to make our work easy by saving time and energy.

##### 3.Answer the following questions:-

- a)Name any two features of a computer.
- b)Name any two types of machines which work on electricity.
- c)Name any two machines which require human power to work.
- d)Name any two machines which use fuel to operate.

##### 4.Circle the odd one out.

- a)Bicycle      Rickshaw      Car
- b)Washing machine      Aeroplane      Refrigerator
- c)Sewing machine      Motorbike      Bus
- d)Rickshaw      Boat      Scooter

## ANSWER

- 1.a)Humans    b)Time and energy    c)Human power or electricity or fuel    d)A computer

2.a)True          b)False                  c)False                  d)True

3.a)Two features of a computer are as follows:-

i)It works like the human brain.

ii)It can work very fast.

b)Television,Microwave.

c)Bicycle,Rickshaw.

d)Tractor,car .

4.a)Car                  b)Aeroplane                  c)Sewing machine                  d)Scooter

### CLASS-1

#### CH-1-Computer-A smart Machine

1.Fill in the blanks:-

a)H\_\_\_m\_\_\_ \_\_\_ can make their own decision.

b)A machine gives 100 per cent a \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ e result and does not get t \_\_\_ \_\_\_ \_\_\_ d.

c)A d \_\_\_ \_\_\_ \_\_\_ t \_\_\_ \_\_\_ is kept on the desk and is bigger in size than a laptop and a notebook.

c)A c \_\_\_ m \_\_\_ u \_\_\_ \_\_\_ r is a smart machine which solves problems without much human intervention.

2.State whether the following statements are true or false:-

a)A computer is a smart machine which has feelings and can take decisions.(     )

b)Wearable computers are the smallest in size and are worn by humans.(     )

c)A computer can generate 100 per cent accurate results. (     )

d)Laptops are not portable.(     )

3.Answer the following questions:-

a)Name any three types of computers based on their size.

b)Name any two places where computers are used.

c)What is PDA?

- d)Who has feelings-a computer or a human being?
- e)Why is a computer considered a smart machine?
- f)Give any two difference between human being and computers.
- g)Explain any two types of computers.
- h)List any ne difference between laptop and a Palmtop.

#### ANSWER

1. a)Humans    b)accurate, tired    c)Desktop    d)Computer

2. a)False    b)True    c)True    d)False

3. a) i. Desktop computers are big in size.

ii. A laptop is smaller in size than a desktop and is portable.

iii. Tablet is smaller in size than a laptop and a desktop.

b) Computer are used

i) Home-Playing games

ii) Hospital- Keeping record of patients

iii) Bank-Keeping the details of bank accounts.

iv) School-Helping students in their studies

c) PDA-Personal Digital Assistant . These computers are very small. They can be hold in the hand.

d) A human being has feelings.

e) A computer considered a smart machine because-

i) It takes less time to complete any task.

ii) It can store a large amount of data.

iii) It never forget the information .

f) A computer works with the help of a human being but A man works on his own.

A Computer does not have feelings but A human being has feelings.

g) Desktop-A desktop computer is placed on the desk. Desktop computers are big in size.

Laptop- A laptop is smaller in size than a desktop and it is portable. It can be easily carried from one place to another.

h) A laptop is smaller in size. It can be easily carried. It can be kept on our lap. On the other hand, Palmtop computers are very small. They can be held in the hand.

Ans-5. a. Desktop      b. Laptop computer      c. Smart phone      d. Wearable smart watch  
e. Tablet/Notebook      f. Palmtop

## CLASS-2

### Ch-1- Hardware and Software

A.1. Fill in the blanks by choosing the correct words.

(Monitor, hardware, Application, Software, System Software)

- a) A \_\_\_\_\_ displays output on the screen.
- b) An operating system is an example of \_\_\_\_\_
- c) \_\_\_\_\_ software are written for specific purposes.
- d) \_\_\_\_\_ and \_\_\_\_\_ work together in a computer system.
- e) \_\_\_\_\_ is the brain of the computer.

2. State whether the following statements are true or false.

- a) A mouse is an output device.
- b) You can see, feel and touch software.
- c) An operating system starts automatically when the computer is turned on.
- d) Notepad is an example of application software.
- e) Input, process and output devices are hardware devices.

3. Tick the correct options:-

- a) Devices used to store data for future reference are called
  - i) input devices      ii) Storage devices      iii) Output devices      iv) all of these

b) Which of the following is an input device?

- i) Speaker      ii) Mouse      iii) Printer      iv) CD

c) An operating system is an example of

- i) System software      ii) application software      iii) both of these      iv) none of these

d) Devices that are used to give instructions to a computer are called

- i) input device      ii) output device      iii) processor      iv) none of these

e) Processed data is called

- i) input device      ii) memory      iii) instruction      iv) information

4. Match the following (check-p.g-17)

B.1.a. Name any two operating system.

b. Write the names of any two input devices.

c. Name any two application software.

d. List any two storage devices.

2.a. Explain IPO.

b. What is an application software?

c. What is a storage device? Give one example.

d. Why is the CPU called the brain of the computer?

3. Name the devices.

a) Nina uses this device to listen to music.

b) Tanuj uses this device to store and transfer data from the school computer to his laptop.

A. Activity Time

Who am I?

a) I play music stored in a computer.

b) I am also known as diskette.

c) I am used to project to magnified image onto a large screen.

d)I am used to type text and numbers.

e)I am used to take print out of text on the paper.

B. Identify the given devices and write their numbers in the correct columns. (P.g-19)

### ANSWER

A1. a. Monitor    b. System Software    c. Application Software    d. Hardware and Software    e. CPU

2. a. True    b. False    c. True    d. True    e. False

3. a. Storage devices    b. Mouse    c. System software    d. Input device    e. Instruction

4. a. Input device

B.1. a. Windows, Linux    b. Mouse, Keyboard    c. Word, Powerpoint    d. CD, DVD, Pendrive

2. a. IPO- A computer takes input from the keyboard or mouse, processes it in the CPU and shows the result on the screen or monitor. This is called Input- Process-Output (IPO) Cycle.

b. Application Software- A software which is designed to perform a single task is called Application Software. Example- Notepad, Word, Excel etc.

c. Storage device- A storage device is used to store information in a computer for future reference. Example- Pendrive, CD, DVD, Floppy disk, etc.

d. CPU or Central processing unit is called the brain of computer because all the inputs from the devices come to it and process the information and send output to the device and everything is stored in it which helps in the functioning of the PC.

3. a. Speaker    b. Pendrive

A. Activity Time

1. speaker    2. Floppydisk    3. Projector    4. Keyboard    5. Printer

b. INPUT- (3)-Joystick, (6)-Mouse

OUTPUT- (1)-Monitor, (2)-Plotter

STORAGE DEVICES- (4)-CD, (5)-Hard disk

CLASS-3

CH-1-Input and Output devices

1.Fill in the blanks by choosing the correct options-

(Light pen,Monitor,Dot matrix printer,mouse,IPO)

- a)\_\_\_\_\_ displays output on the screen.
- b)\_\_\_\_\_ prints text by combining the tiny dots.
- c)A \_\_\_\_\_ is a pointing device used to select or click the icons.
- d)A \_\_\_\_\_ can help you to draw directly on the screen.
- e)\_\_\_\_\_ is the input ,process and output cycle.

2.State whether the following statements are True or False-

- a)A mouse is an output device.
- b)OMR is used to scan answers marked on a special sheet.
- c)The control unit manages all operations of a computer.
- d)A joystick is used to play games.
- e)LCD monitors have better picture quality than LED Monitor.

3.Tick the correct options:-

a)Which of the following devices used to play music and sound in a computer?

- i)Printer      ii)Speaker      iii)Monitor      iv)Mouse

b)Which of the following is an input device?

- i)Printer      ii)Speaker      iii)Keyboard      iv)Monitor

c)Which of the following devices is used to get the hard copy of the data?

- i)Monitor      ii)Speaker      iii)Printer      iv)Mouse

d)Which of the following is used to drawing objects on the screen?

- i)Joystick      ii)Keyboard      iii)Web camera      iv)Light pen

e)What is the output on the monitor called?

- i)Soft copy    ii)Printout    iii)Hard copy    iv)All of these

4.Match the following:-

- |                                      |             |
|--------------------------------------|-------------|
| a)Soft copy                          | i)Joystick  |
| b)Use dto draw objects on the screen | ii)104 Keys |
| c)Used to play games                 | iii)Monitor |
| d)Keyboard                           | iv)ALU      |
| e)Arithmetic calculations            | v)Light pen |

B.1.Very short answer type questions:-

a)What does VDU stand for?

b)Name two input devices.

c)Name the parts of the CPU.

d)Write the uses of a light pen.

2.Short answer type questions:-

a)Write the differences between a hardcopy and a soft copy.

b)What is an output device?Name any three output devices.

c)List the differences between data and information.

d)Write the uses of each of the following.

- i)ALU    ii)CU    iii)MU

3.Think and do

Question –A,B- (Check p.g- No-16)

Activity Time- (Check p.g No-17)

ANSWER

- A.1.a. Monitor                      b. Dotmatrix Printer                      c. Mouse                      d. Light Pen                      e. IPO
- 2.a. False                      b. True                      c. True                      d. True                      e. False
- 3.a. Speaker                      b. Keyboard                      c. Printer                      d. Light pen                      e. Softcopy

4.a. Softcopy-Monitor

b. Used to draw object on the screen- Light Pen

c. Used to play game- Joystick

d. Keyboard-104

e. Arithmetic Calculation-ALU

B.1.a. VDU- Visual Display Unit

b. Input Devices-Keyboard, Mouse

c. Parts of CPU-CPU has mainly three parts-

i) Arithmetic and Logical Unit (ALU)

ii) Control Unit (CU)

iii) Memory Unit (MU)

d. Light Pen is used to select Object on the display screen and draw object on the screen.

2.a. The differences between Hard Copy and SoftCopy are as follows:-

i) Hard copies are physical paper copies.

Softcopies are electronically written copies

ii) A hard copy does not require an electronic medium to read and display.

A soft copy always requires an electronic medium to read and display.

b. Output Devices-The devices which display the data that we enter into a computer are called the Output devices.

The three Output devices are:- Monitor, Printer, Speaker

c. Data fed into a computer is input. Data is of no use without processing. After processing the data, the computer produces output which is called Information.

d. The uses of each of the following:-

i)ALU-Arithmetic Logical Unit .This part of the CPU performs all arithmetic operations (addition,Subtraction,multiplication and division)and logical operations (>,<= and other operations)

ii)CU-Control Unit .It manage all the operations of a computer just like a traffic policeman on the road.

iii)MU- Memory Unit-Data entered into the computer is stored temporarily or permanently in the memory unit for future reference to perform the required processing.

3..a.Printer      b.vedio Input              c.Scanner

Activity Time

Input-Mouse,Web camera,Joystick,Keyboard

Output-Monitor,Printer,Plotter.Speaker