Std : 6

Ch : 1 Computer – It's Components

Textal Exercises

Que. A Tick the Correct answer.

1. A collection of unorganized facts is _____ .
   - **a.** Information
   - b. Output
   - **c. Data**
2. A Scanner is an _____ .
   - a. **Input Device**
   - b. Output Device
   - c. Processing Device
3. Treating data according to the instructions and changing it into information is called _____ .
   - a. Output
   - b. Input
   - **c. Processing**
4. CD-ROM and DVD-ROM are the examples of _____ .
   - a. **Storage Device**
   - b. Input Device
   - c. Output Device
5. The hardware components that convey information to the user are called _____ .
   - a. Processing Devices
   - **b. Output Devices**
   - c. Input Devices
6. ALU, CU and MU are the parts of _____ .
   - **a.** Monitor
   - b. Pen Drive
   - **c. CPU**
7. _____ is a technology – related health condition that affects eyesight.
   - a. CTS
   - **b. CVS**
   - c. RTI

Que. B True and False :

1. A keyboard has two buttons on the top of it.   [F]
2. Joystick is mainly used to play games on a computer.   [T]
3. The output or result we get on a paper is called soft copy.   [F]
4. We should move two fingers apart to zoom in the touch screen.   [T]
5. Back and neck strain should be avoided while working on computer.   [T]
6. To prevent wrist strain while typing, keep your elbow leveled with the keyboard.   [T]
7. When you are seated, your feet should not be flat on the floor.   [F]

Que. C Fill in the blanks :

1. **Input** is any data or instruction entered into the computer.
2. Data that has been processed into a useful form is called **Output** .
3. **Impact** printers have direct contact between printer head and paper.
4. The height and width of a memory card is usually no bigger than **1.5 inches** .
5. Hard drive have storage capacities from **500GB** to **8TB**
6. **CTS** is a Rapidity stress injury whose symptoms include numbness, tingling, and pain in the fingers.
7. **Humanware** refers to the persons who program, design or operate a computer.

Que . D Write down the full forms :

1. **VDU** : Video Display Unit
2. **ALU** : Airthmetic Logic Unit
3. **PPM** : Pages per Minute
4. **CPS** : Characters Per Seconds
5. **BD** : Blu- Ray Disk
6. **CPU** : Central Processing Unit
7. **CU** : Control Unit
8. **LPM** : Lines Per Minute
9. **USB** : Universal Serial Bus
10. **HDD** : Hard Disk Drive

Que . E Define the following :

1. **Barcode Reader** : A bar code reader is an input device which is used to give information about the product like its price, manufacturing date, etc.
2. **MICR** : MICR reader is an input device which is used to read and identify magnetized characters printed on a document such as a bank cheque.
3. **Digicam** : Digicam is an electronic input device which is used to capture and store photographs electronically in a computers.
4. **Pen Drive** : Pen drives, also known as Flash drivers , are one of the newest forms of computer storage devices that plug in a USB (Universal Serial Bus) port on a computer.

Que . F Differentiate between the following :

1. **Mechanical Mouse :** A mechanical mouse has a rubber ball on its underside. As the user moves the mouse around on the desktop, the ball rolls with these movements.
   - **Optical Mouse** : An optical mouse uses laser technology rather than a ball and rollers to compare and track the position of the mouse.
2. **Impact Printer** : Printers that have direct contact between printer head and paper are known as Impact Printers.
   - **Non – Impact Printer** :Printers that do not have any direct contact between Printer Head and Paper are known as Non- Impact Printers.
3. **Recordable CD** : A CD – R is a multi session compact disc on which we can record our own items such as text, graphics and audio; we can not erase the disc contents.
   - **Re-Writable CD** : A CD – RW is an erasable disc that allows us to write multiple times. The disc acts like hard disk, allowing us to write and rewrite data and information on it multiple times.
4. **CVS** : (Computer Vision Syndrome)It is a technology –related health condition that affects eyesight. You may have CVS if you have store, tired, burning, itching or dry eyes; difficulty shifting focus between a display device and documents; difficulty focusing on the screen image; and increased sensitivity to light.

CTS : (Carpal Tunnel Syndrome)It is a rapidity stress injury (RSI) whose symptoms include numbness, tingling, and pain in the fingers. This condition affects people who type for long periods of time without breaks.

Que. G Answer in one – two sentences.

1. What is a virtual keyboard ?

Ans : A virtual keyboard is a software component that allows a user to enter text. Some devices like smartphones and tablets have on-screen or virtual keyboards instead of a physical keyboard.

2. What is motion input ?

Ans : Motion input lets the user guide on-screen elements using air gestures. Air gestures involve moving your body or a handheld input device through the air.

3. Why would you prefer Laser printer over Dot Matrix printers?

Ans : Laser Printer uses laser technology to print text or images on paper. It gives the best quality output. The speed of this printer is better than any other printer.

4. What do you mean by Graphic Tablet?

Ans : Graphic tablet , also called Digitizer , is an input device which has a special pen to write on it. It is used to draw images on the computer as well as to give instructions to the computer.

5. What do you mean by ergonomics?

Ans : Ergonomics is the study of people, their physical characteristics and the ways in which they function in relation to their working environment, the furnishings and machines they use.

6. What do you understand by technology addiction ?

Ans : Technology addiction occurs when some technology users become obsessed with computers, mobile devices, and the internet, and consume their entire social life.

Answer in one word:

1. Write down the example of Input Devices?

Ans : Keyboard, Mouse and Scanner

2. Write down the example of Output Devices?

Ans: Monitor, Printer, Speakers

3. Write down the example of Storage Devices?

Ans: Hard Disk, CD-Rom and Pen Drive

4. Which keyboard does not include the numeric keypad?

Ans : Compact Keyboard

5. Which keyboard is used for Blind or visually impaired people?

Ans : Braille Keyboard

6. Which mouse is used radio waves ad infrared light waves?

Ans : Wireless Mouse

7. Which mouse is a newer type of motion-sensing mouse?

Ans: Air Mouse

8. What is the other name of Graphic tablet?

Ans: Digitizer

9. Write down the types of scanner?

Ans: Flatbed Scanner and Handheld Scanner

10. What is the full form of MICR?

Ans : Magnetic Ink Character Recognition Reader

11. What is called the information that print on paper through printer?

Ans: Hard Copy

12. What is called the information on the monitor?

Ans: Soft Copy

13. What is the speed of Laser Printer?

Ans: PPM (Pages Per Minute)

14. What is the speed of Dot Matrix Printer ?

Ans: CPS (Characters Per Second)

15. What is the speed of Inkjet Printer?

Ans: LPM (Lines Per Minute)