



DISTRICT PUBLIC SCHOOL & COLLEGE DEPALPUR

E-Learning Project

Summer Task

Tutorial Video Links

Home Assignments, Worksheets and Activities

Academic Session 2020-2021

Subject: Computer Science



Class: 6

Student's Name: _____

Father's Name: _____

DISTRICT PUBLIC SCHOOL & COLLEGE DEPALPUR

Summer Pack (Computer Science)

Class 6th

Week # 3 (6th July, 2020 to 11th July, 2020)

(Day 1)

Unit 1: "Introduction to Computer"

Web Link (Lecture # 5): https://www.youtube.com/playlist?list=PLvbEvN2QBJAn_6Yn826GzkQPBOEUOPSC3

Objective: 1. **To enable the students to recognize the Input devices**

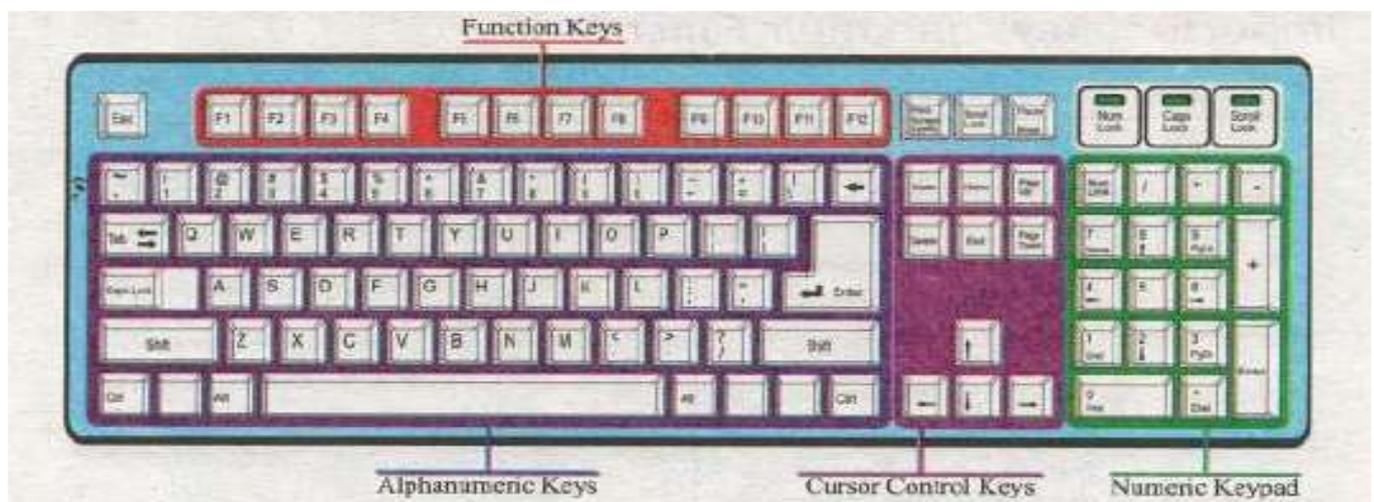
2. **You will also be able to use the keyboard**

Input Devices:

Devices that are used to enter data into a computer are called input devices. The widely used input devices are the keyboard, mouse, microphone, scanner and digital camera.

Keyboard:

Keyboard is the most commonly used input device. It allows a user to type alphabet, numbers or symbols into the computer. It has small buttons called keys. The keys are laid out in the QWERTY pattern. Now look at the keyboard again Q W E R T Y are letters on the top left of the keyboard.



A standard keyboard can be divided in to following sections.

- Function keys
- Alphanumeric keys
- Numeric Keypad
- Cursor Control/ Navigation Keys

Unit 1: “Introduction to Computer”

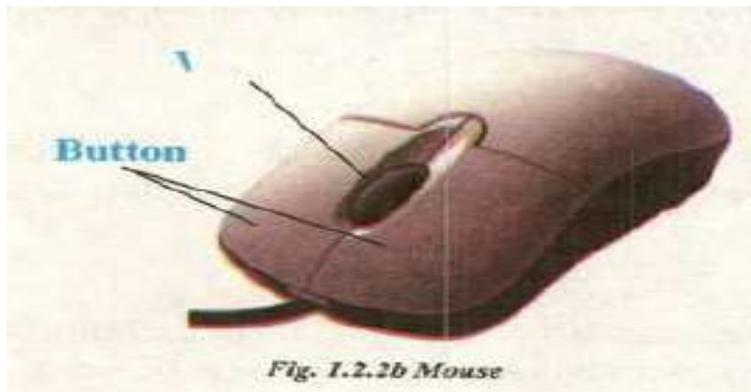
Web Link (Lecture # 6): https://www.youtube.com/playlist?list=PLvbEvN2QBJAn_6Yn826GzkQPBOEUOPSC3

Objective: 1. To enable the students to recognize the pointing device

2. You will also learn about the Mouse

Mouse:

The mouse is an input device that enables a users to select commands quickly and perform tasks. It has two (sometimes three) buttons to click on.



As the mouse moves, the arrow on the screen will move at the same time. This arrow is called the mouse pointer.

Mouse Actions:

Click:

Quickly pressing and releasing the mouse button once is called click.

Double Click:

Quickly pressing and releasing the left mouse button twice is called double click.

This method is used to open a folder or run a program.

Dragging:

To press and continue to hold down the left mouse button and move the mouse is called dragging.

Drop:

After dragging releasing the left mouse button to move an object is called drop.

Assessment of Week # 3 (6th July 2020 – 11th July, 2020)

Web Link (Lecture # 7): https://www.youtube.com/playlist?list=PLvbEvN2QBJAn_6Yn826GzkQPBOEUOPSC3

Multiple Choice Questions

1. The input devices are used to give _____ to the computer
(a) Output (b) input (c) processing (d) All of these
2. Keyboard is an _____ device.
(a) Output (b) input (c) processing (d) All of these
3. Which is a pointing device?
(a) Keyboard (b) Mouse (c) Scanner (d) Digital Camera

Fill in the blanks

1. On the Keyboard keys are laid out in the _____ Pattern.
2. Moue is used to select _____ quickly and perform tasks.
3. As the mouse moves, the _____ on the screen will move at the same time.
4. _____ click of the left mouse button is used to select an item.

Answer Question

Question # 1: What are input devices. Write its name.

Answer:

Question # 2: Write the parts of the Keyboard.

Answer:

Question # 3: What is the difference between single click and Double Click?

Answer:

Question # 4: What is the difference between Drag and Drop?

Answer:

Unit 1: “Introduction to Computer”

Web Link (Lecture # 8): https://www.youtube.com/playlist?list=PLvbEvN2QBJAn_6Yn826GzkQPBOEUOPSC3

Objective: 1. To enable the students to recognize about scanner and digital camera

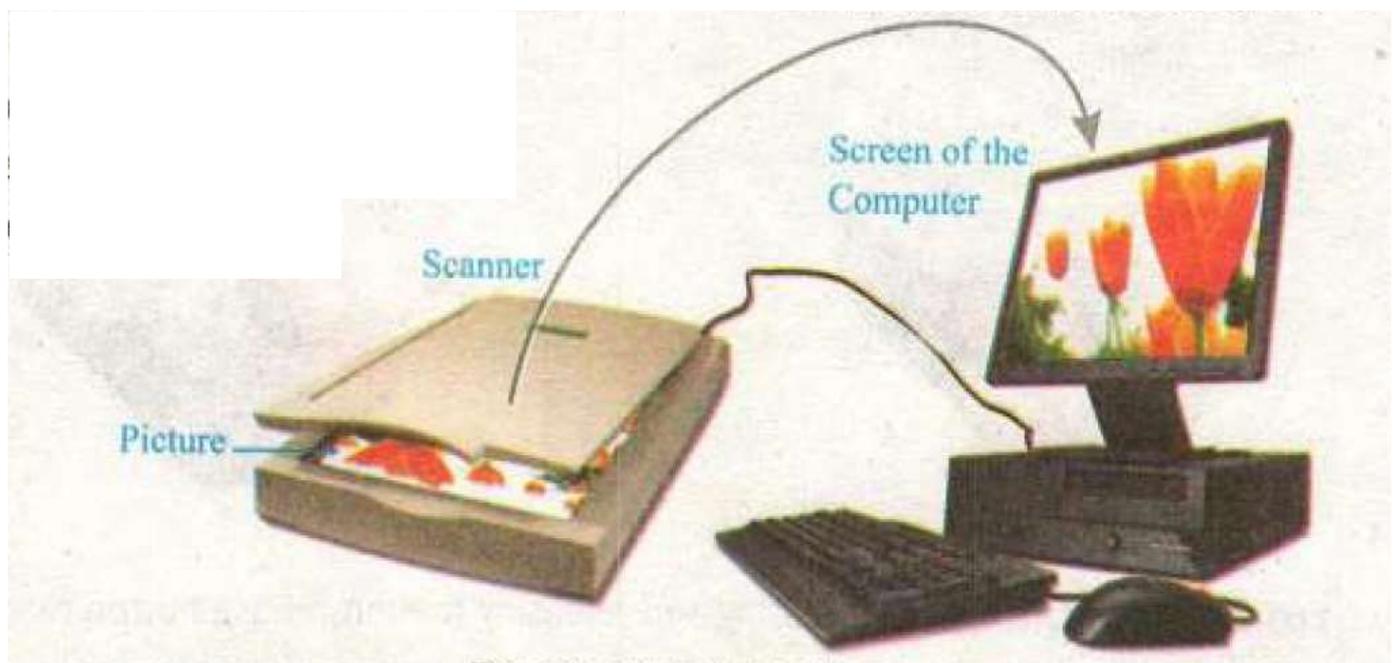
2. You will learn about the use of scanner as a input device

Scanner:

A Scanner is an input device. It is used to scan text and images into the computer. Once a document or picture is scanned, it can be displayed on the screen of the computer.

It works like a photocopy machine.

It creates a copy of document or image in the computer.



Digital Camera:

A digital camera is an input device. It allows a user to take pictures and make videos, then store them in the computer instead of a traditional film. You can see a picture on the screen of the camera. Digital cameras have built-in memory to store images. Digital camera provides a feature to delete and edit an Image after taking it.



Week # 4 (13th July, 2020 to 18th July, 2020 (Day 2)

Unit 1: "Introduction to Computer"

Web Link (Lecture # 9): https://www.youtube.com/playlist?list=PLvbEvN2QBJAn_6Yn826GzkQPBOEUOPSC3

Objective: 1. To enable the students to recognize the input device that can record voice

2. You will also be known about system unit

Microphone:

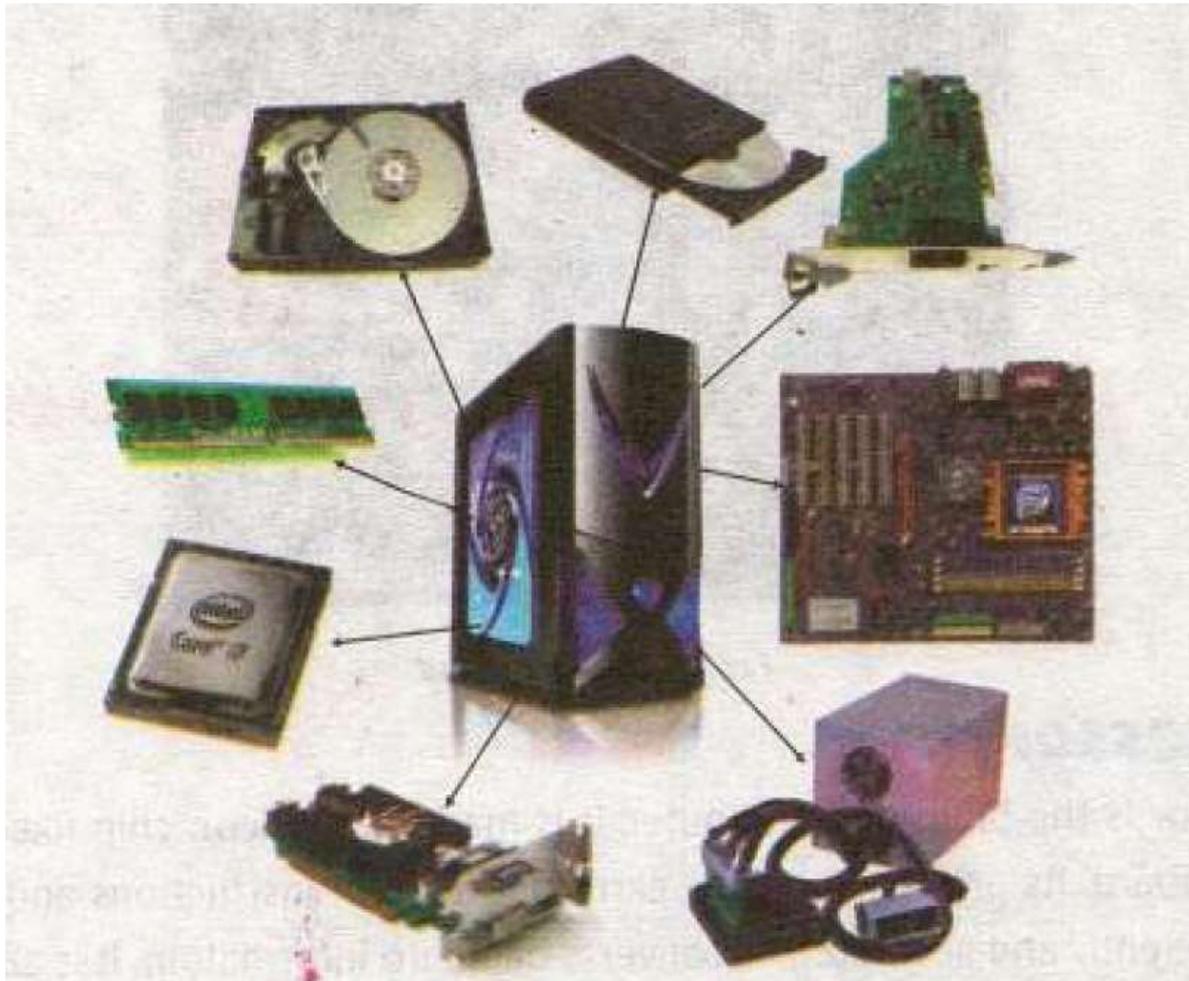
A microphone is an input device. It is used to input audio in the computer. We can record voice using microphone in the computer. Microphones are used to make audio and video calls and chat over the Internet.



System Unit:

System unit is a box which consists of different electronic components. These components are main circuit board, processor; power supply, storage devices, etc. System unit can be found in

different shapes and sizes.



Assessment of Week # 4 (13th July 2020 – 18th July, 2020)

Web Link (Lecture # 10): https://www.youtube.com/playlist?list=PLvbEvN2QBJAn_6Yn826GzkQPBOEUOPSC3

Multiple Choice Questions

1. **Scanner works like a**

- (a) Typewriter (b) printer (c) copy machine (d) none of these

2. **Microphone is used to enter**

- (a) Images (b) Document (c) Human voice (d) none of these

3. **Digital camera is**

- (a) Output device (b) Storage device (c) Input device (d) none of these

4. **Which of the following is not an input device?**

- (a) System unit (b) Mouse (c) Keyboard (d) Scanner

5. **_____ is used to take pictures and stores them into the computer.**

- (a) Microphone (b) Scanner (c) Digital Camera (d) Monitor

6. Which of the following is not placed in system unit?

(a) Motherboard

(b) Hard Disk

(c) Ram

(d) Printer

Fill in the blanks

1. Microphone is an _____ input devices.
2. We can record voice using _____ in the computer.
3. Digital cameras have _____ to store images

Answer Question

Question # 1: Define Digital Camera.

Answer:

Question # 2: What type of input device used to record voice write detail about it?

Answer:

Question # 3: Define Scanner.

Answer

Unit 1: “Introduction to Computer”

Web Link (Lecture # 11): https://www.youtube.com/playlist?list=PLvbEvN2QBJAn_6Yn826GzkQPBOEUOPSC3

Objective: 1. To enable the students to be known about the processing of computer

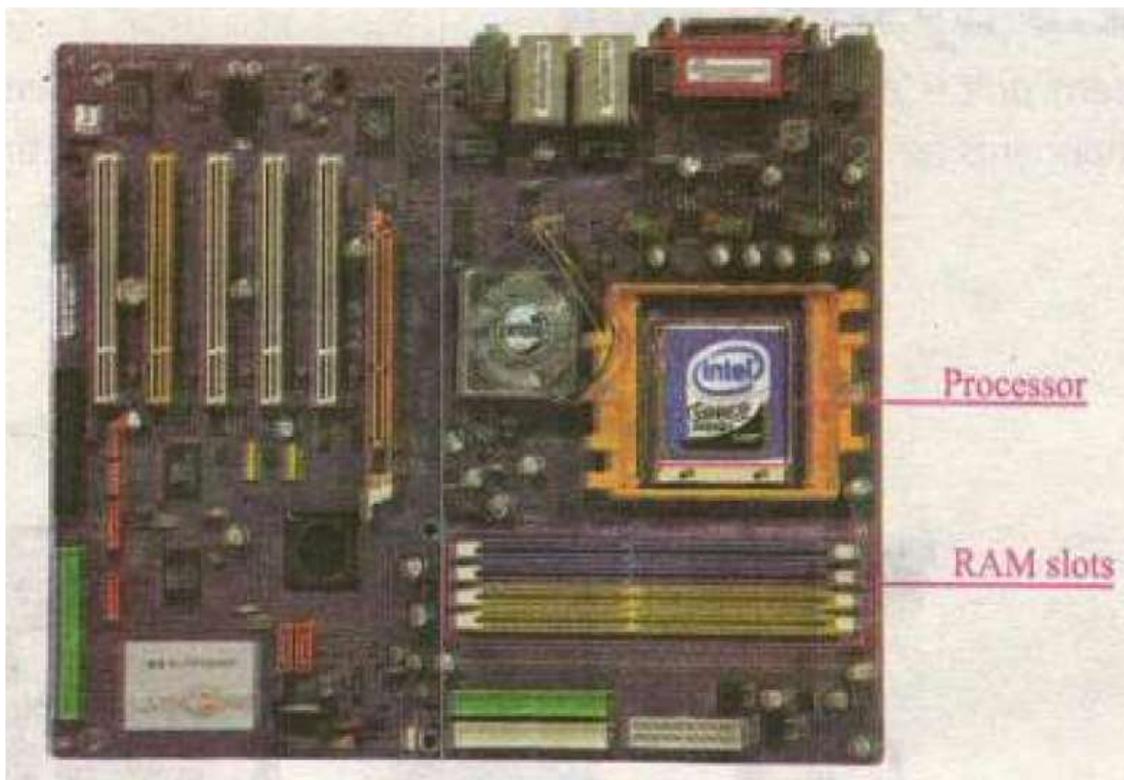
2. You will learn about attached devices with motherboard

Motherboard:

Motherboard is the largest circuit board in a computer. It is also known as the System board. All computer components are plugged or connected with it.

Following are some of the computer components attached to the motherboard.

- Processor
- Input/ Output devices
- Memory Chips
- Storage devices, etc.



Processor:

Processor is the brain of a computer. It is made of a silicon chip fixed on the motherboard. Its primary job is to carry out a set of instructions and process data efficiently and accurately. It converts data into information. It is also called CPU (Central Processing Unit).



Week # 5 (20th July, 2020 to 25th July, 2020 (Day 2)

Unit 1: “Introduction to Computer”

Web Link (Lecture # 12): https://www.youtube.com/playlist?list=PLvbEvN2QBJAn_6Yn826GzkQPBOEUOPSC3

Objective: 1. **To enable the students to recognize the temporary storage device**

2. **You will also be known about RAM and ROM**

Memory:

Memory is an electronic holding place. It holds instructions and data that a computer's processor can access. Usually, the term 'memory' refers to the RAM (Random Access Memory).

RAM is the temporary storage area for the data, before and after it is processed. RAM is also known as volatile memory; it means that RAM loses data when power is switched off.

It is a high-speed memory.



Types of Memory:

Memory has two types:

1. RAM (Random Access Memory)
2. ROM (Read Only Memory)

Assessment of Week # 5 (20th July 2020 – 25th July, 2020)

Web Link (Lecture # 13): https://www.youtube.com/playlist?list=PLvbEvN2QBJAn_6Yn826GzkQPB0EUOPSC3

Multiple Choice Questions

1. **CPU stands for _____**
(a) Central Population Unit (b) Central Processing Unit
(c) Central Publishing Unit (d) Control Processing Unit
2. **Motherboard is also called a main _____.**
(a) Input board (b) output board (c) circuit board (d) none of these
3. **Processor is also called the _____ of the computer.**
(a) hands (b) arms (c) brain (d) none of these
4. **Processor fixed on the _____.**
(a) Keyboard (b) Motherboard (c) cupboard (d) clipboard
5. **Memory have _____ types.**
(a) 1 (b) 2 (c) 3 (d) 4
6. **Which of the following is not placed in system unit?**
(a) Motherboard (b) Hard Disk (c) Ram (d) Printer

Fill in the blanks

1. _____ works like a traffic policeman.
2. _____ made by a silicon chip.
3. RAM stands for _____.
4. RAM is a _____ memory.

Answer Question

Question # 1: Define Memory.

Answer:

Question # 2: Define Motherboard?

Answer:

Question # 3: What does a processor do?

Answer

Question # 4: What is a memory? Is it a temporary memory?

Answer

Unit 1: “Introduction to Computer”

Web Link (Lecture # 14): https://www.youtube.com/playlist?list=PLvbEvN2QBJAn_6Yn826GzkQPBOEUOPSC3

Objective: 1. To enable the students to recognize the permanent storage devices

2. You will learn about the types of Storage Devices

Storage Devices:

In a computer, storage devices hold data, instructions *and* information permanently.

Storage devices have a much larger capacity to store data. Some common examples of storage devices are:

- Floppy disk
- Hard disk
- CDs/DVDs and
- USB flash memory

Floppy Disk:

Floppy disk is a portable and Inexpensive storage device. It consists of a flexible thin magnetic film. This film is enclosed in a plastic case. A standard floppy disk is 3.5" inches wide.

A floppy disk drive is used to read and write data from floppy disk. Nowadays, it is rare to find floppy disk drives in modern computers. Floppy disks are not widely used due to their low storage capacity.



Unit 1: “Introduction to Computer”

Web Link (Lecture # 15): https://www.youtube.com/playlist?list=PLvbEvN2QBjAn_6Yn826GzkQPBOEUOPSC3

Objective: 1. To enable the students to recognize the permanent storage devices

2. You will also be known about the Hard Disk and CD/DVD

Hard Disk:

Hard disk is the permanent storage device of a computer. It is also called a Hard disk drive or Hard drive. It is a reliable and durable storage device. It is fixed inside the System Unit.

Hard disk consists of several rotating disks called platters. Each platter stores data. They are sealed in an airtight case to keep them free from dust. It can store very large amount of data and Information.

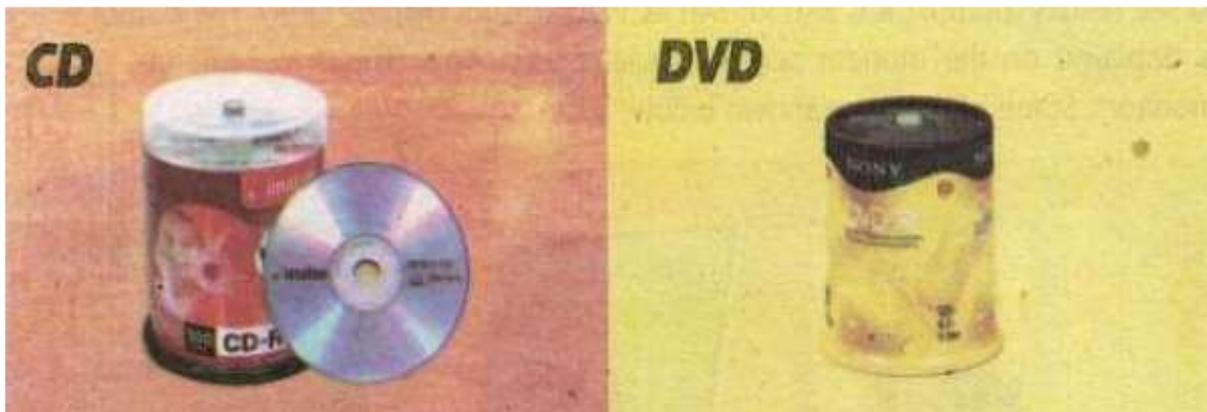


CD/ DVD:

CD/ DVD is a portable and comparatively less reliable storage device than a Hard disk. They are flat and round disc made of plastic. A SD/DVD has a thin layer of material that reflects light easily. The CD/DVD drives use a laser beam to read from and write data on them.

CD/ DVD are used to store software, data, pictures, movies, music and video games

CD	DVD
CD stands for Compact Disc	DVD stands for Digital Versatile/ Video Disc
A CD can run in CD drive and DVD drive too.	A DVD can run in a DVD drive .
Quality of sounds and movies is low in a CD.	Quality of sounds and movies is high in a DVD.



Assessment of Week # 6 (27th July 2020 – 31st July, 2020)

Web Link (Lecture # 16): https://www.youtube.com/playlist?list=PLvbEvN2QBJAn_6Yn826GzkQPB0EUOPSC3

Multiple Choice Questions

1. **Hard disk is a _____ storage device.**
(a) Temporary (b) permanent (c) primary (d) portable
2. _____ **has a high quality pictures and sounds.**
(a) CD (b) DVD (c) Both (a) and (b) (d) none of these
3. _____ **is a permanent storage device.**
(a) Hard Disk (b) CD/DVD (c) Floppy Disk (d) all of these
4. **Processor fixed on the _____.**
(a) Keyboard (b) Motherboard (c) cupboard (d) clipboard

Fill in the blanks

1. _____ Disk are rarely found nowadays.
2. DVD stands for digital _____ disk.
3. CD stands for _____ disc.

Answer Question

Question # 1: Define Hard Disk.

Answer:

Question # 2: What is the difference b/w CD and DVD?

Answer:

Question # 3: Write a short note hard disk?

Answer

Question # 4: What is a storage device? Write the four names of storage devices?

Answer
