

## Dear Students!!

In this e-book of [7th class](#), study material of computer science is being sent to you as per new syllabus (2023-24). You can easily prepare your test / papers by reading these notes and watching the video lectures given below. Following are the links of the video lectures in blue colour. Watch these video lectures by clicking on the relevant link of chapter to have better understanding of various concepts.



### 7<sup>th</sup> Class - Monthly distribution of Computer Science Syllabus & Video Lecture Links (Pbi)

Month	Chapter and its Name	Link of Video Lecture
April	Chapter-1 Typing Tutor	<a href="https://youtu.be/GUFCpc_x-DA">https://youtu.be/GUFCpc_x-DA</a>
May	Chapter -2 Windows Explorer	<a href="https://youtu.be/0E3I0GFbMJs">https://youtu.be/0E3I0GFbMJs</a>
July	Chapter -3 Microsoft Word (Part-1)	
Aug	Chapter -4 Microsoft Word (Part-2)	<a href="https://youtu.be/vvQwkvhAXPI">https://youtu.be/vvQwkvhAXPI</a>
Oct	Chapter -5 Microsoft Word (Part-3)	<a href="https://youtu.be/OWBofDDSpH0">https://youtu.be/OWBofDDSpH0</a>
Nov	Chapter -6 Microsoft Word (Part-4)	<a href="https://youtu.be/1s5-qjor608">https://youtu.be/1s5-qjor608</a>
Dec	Chapter -7 Introduction to Multimedia	
Jan	Chapter -8 Storage Devices	<a href="https://youtu.be/HcGdrY9BQIE">https://youtu.be/HcGdrY9BQIE</a>

#### Video Lectures for Practical:

[Windows Explorer](#)

<https://youtu.be/XgaC4GRhOgs>

**PLEASE DO NOT FORGET TO LIKE, SHARE AND SUBSCRIBE OUR YOUTUBE CHANNEL**

 **YouTube** <http://youtube.com/c/computersciencepunjab>

**Prepared By:**

**Vikas Kansal and Sukhwinder Singh**

**Computer Faculties, S.U.S. Govt. (G) Sen. Sec. School, Sunam Udham Singh Wala (Sangrur)**

**Please use the following link to download the study material/e-books/e-contents for 6<sup>th</sup> to 12<sup>th</sup> classes:**

<http://cspunjab.nirmancampus.co.in/study.php>

**Que:1 Fill in the blanks:**

1. Primary memory is also called \_\_\_\_\_.  
a) Internal memory    b) External memory    c) Physical memory    d) Auxiliary memory
2. \_\_\_\_\_ memory is not a Read Only Memory.  
a) ROM    b) PROM    c) EPROM    d) RAM
3. \_\_\_\_\_ is not a portable storage device.  
a) External Hard Disk    b) Pen Drive    c) Hard Disk Drive    d) Memory Card
4. The memory is divided into number of small parts called \_\_\_\_\_.  
a) Cells    b) Area    c) Inter-section    d) None of these
5. USB means \_\_\_\_\_.  
a) Uniform Service Book    b) Universal Serial Bus  
c) Universal Straight Bus    d) Uniform Serial Bus

**Que:2 Very Short Answer Type Questions:**

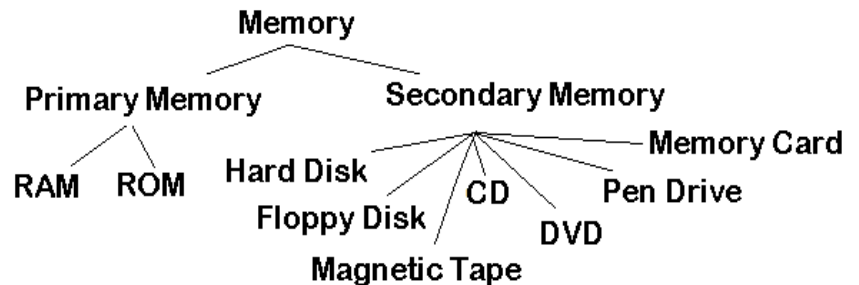
- I. Storage Capacity of Floppy disk is \_\_\_\_\_
- II. Storage Capacity of Compact Disk (CD) is \_\_\_\_\_
- III. \_\_\_\_\_ memory unit is usually used to measure the Storage capacity of hard disks.
- IV. ROM stands for \_\_\_\_\_
- V. \_\_\_\_\_ computer port is used to attach Pen drive.

**Ans:** I. 1.44 MB    II. 700 MB    III. Gigabyte (GB)    IV. Read Only Memory    V. USB

**Que:3 Short Answer type Questions:**

**Q:1 What is memory? Write down two main categories of memories?**

Ans: Any medium that has the capacity to store data is called memory. Memory is divided into many smaller parts, called cells. Memory is used to store data and instructions. The two main categories of memory are:

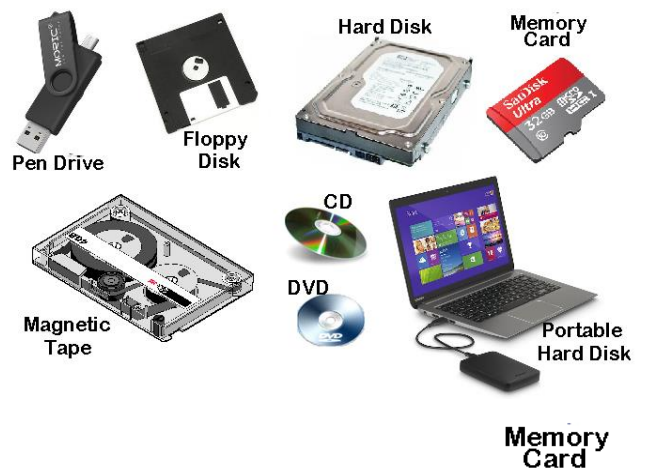


1. Primary memory
2. Secondary memory

**Q:2 Write the name of any four Secondary Memory devices?**

Ans: The names of the secondary memories are as follows:

1. Hard disk
2. External hard disk
3. Floppy disk
4. Magnetic tape
5. Compact Disc (CD)
6. Digital Video Disc (DVD)
7. Pen drive
8. Memory card



**Q:3 What is Memory Card?**

Ans: Memory card is a portable secondary memory. It is also called a flash memory card. These cards are commonly used in mobiles, digital cameras, MP3 players, etc. Memory cards are usually used to store pictures, movies, songs, and other data.



**Q:4 Write a short note on pen drive.**

Ans: The pen drive is a portable secondary memory. It is a USB based memory device. It is used to transfer data from one computer to another. It is very small in size and its speed is faster. They also have higher storage capacity.

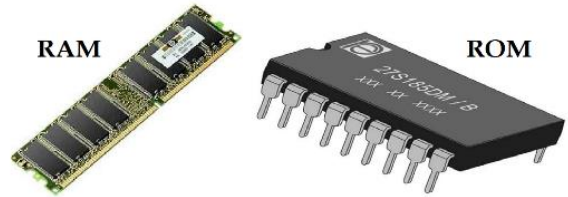


**Que:4 Long Answer type Questions:**

**Q:1 Write a note on Primary Memory?**

Ans: Primary memory is also called Main Memory or Internal Memory. The CPU has direct access to this memory. Micro-conductors, which are very fast and special types of electronic circuits, are used to make this memory. These memories are also called Semiconductor memories. These memories have low storage capacity. There are two types of primary memory:

1. **RAM:** RAM stands for Random Access Memory. This memory only stores those data and instructions that the computer is working on.
2. **ROM:** ROM stands for Read Only Memory. This memory stores the instructions to start the computer.



**Q:2 What is HDD? Explain?**

Ans: HDD stands for Hard Disk Drive. This is the most commonly used secondary memory. The stored data remains in this memory even after the computer is turned off. Its speed is slower than primary memory. A hard disk consists of one or more metal plates, called Platters. These plates are coated with a layer of metal-oxide to store data. These plates rotate at a speed of 5400 to 7200 RPM (rotation per minute). Hard disks have a high capacity to store data. Its storage capacity is usually measured in gigabytes (GB).



**Q:3 What is Secondary Memory? Explain any one secondary memory device?**

Ans: Secondary memory is also called external memory or physical memory or auxiliary memory. The stored data remains in this memory even after the computer is turned off. Hard disk drives, optical storage disks, floppy disks, etc. are examples of secondary memory devices.

**Hard Disk Drive (HDD):** A hard disk consists of one or more metal plates, called platters. These plates are coated with a layer of metal-oxide to store data. These plates rotate at a speed of 5400 to 7200 RPM (rotation per minute). Hard disks have a high capacity to store data. Its storage capacity is usually measured in gigabytes (GB).

**Q:4 Write precautions that we must follow while using a CD/DVD.**

Ans: The following precautions should be taken when using CD / DVD:

1. The CD / DVD should be kept in the cover.
2. The bright side of the CD / DVD should not be touched.
3. The bright side of the CD / DVD should not be written with pen or pencil.
4. Do not bend CD / DVD.
5. A soft cloth should be used to clean the CD / DVD.



**Q:5 What is External Hard Disk drive? Write its advantages?**

Ans: External hard disk is a secondary memory. It is a portable type of secondary memory, which can be easily moved from one place to another. This is a USB based memory device. It has a very high storage capacity. It is commonly used to back up data. Once the data is backed up, it can be removed from the computer and stored in a safe place.

