

## CHRIST CHURCH SCHOOL

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Subject : Computer

Roll no.: \_\_\_\_\_

STD : 4 DIV: A-G

**Topic :** Memory and storage Devices. (notes)

**Notes:-** Kindly learn the notes given below and read the textbook.

### I Fill in the blanks:

- 1) The storage capacity of a hard disk range from **250 GB TO 3TB**.
- 2) **ROM** is also called permanent or non – volatile memory.
- 3) The input given to a computer is called **data**.
- 4) **Secondary** memory stores data permanently until it is deleted or over written.
- 5) **Primary** memory stores programs and instructions that can be directly read by the CPU.

### II Write full form for the following:

- 1) RAM

**Ans:-** Random Access Memory.

- 2) ROM

**Ans:-** Read only Memory.

- 3) MB

**Ans:-** Megabytes.

- 4) KB

**Ans:-** Kilobytes

- 5) GB

**Ans:-** Gigabytes.

- 6) TB

**Ans:-** Terabytes.

### **III Write difference between ROM and RAM:**

<b>ROM</b>	<b>RAM</b>
1) It is used by the CPU only to read data.	1) It is used by the CPU either to read data from it or to write data onto it.
2) It is known as non – volatile memory.	2) It is known as volatile memory.
3) ROM stores data permanently and does not lose it even when the computer is turned off.	3) RAM stores data temporarily and loses it when the computer is turned off.

### **IV Write T for true of F for false:**

- 1) A computer can understand only two digits: 0 and 1. **True**.
- 2) Secondary memory devices store data temporarily. **False**.
- 3) A hard disk is the most important secondary storage device of a computer. **True**.
- 4) Primary memory is of two types: RAM and ROM. **True**.
- 5) The storage capacity of a memory card ranges from 2GB to 512 GB. **True**.

### **V Answer the following questions:**

- 1) Why is hard disk considered an important secondary storage device?

**Ans :-** A hard disk is an important secondary storage device because in a computer, the hard disk stores the operating system, software applications and all the files and folders. It is usually fixed inside the CPU box. But, it can also be attached externally to a computer to take a backup of the data. A hard disk has a large data storage capacity.

- 2) Write short note on USB flash drive.

**Ans:-** A USB flash drive or pen drive is a small and compact storage device. It can store a large amount of data. It keeps the data safe and secure. A USB flash drive is simply inserted into the USB port of a computer. You can rewrite data onto it any number of times. A USB flash drive is a durable device.