

CLASS – 4 COMPUTER SCIENCE WORKSHEET (CHAPTER 1)

CHAPTER : MEMORY AND STORAGE DEVICES

SYNOPSIS:

- The words or numbers which have no meaning by themselves is called data. It is the input given to the computer. What data tells us or the output obtained from a computer is the information.
- Computer memory is of two types- Primary memory and Secondary memory.
- Primary memory is of two types- Read Only Memory (ROM) and Random Access Memory (RAM).
- Primary memory stores the programs which are directly run by the CPU. Secondary memory stores data permanently until it is deleted or overwritten.
- 0 and 1 are the binary digits or bits. A bit is the smallest unit of computer memory.
- Hard disks, CDs, DVDs, USB flash drives, memory cards are some of the secondary storage devices.
- Cloud is an online storage for data and can be accessed anytime. This type of internet service is called cloud computing.

I. Fill in the blanks:

1. There are _____ types of computer memory.
2. _____ and _____ together form a computer system.
3. Primary memory is also known as _____ memory.
4. Secondary memory is also known as external or _____ memory.
5. A computer understands only two digits _____ and _____.

II. Write the full form of the following:

- a) CD-
- b) DVD-
- c) RAM-
- d) ROM-
- e) GB-

III. True or False:

- a) Memory cards are also known as flash cards.
- b) A bit is the smallest unit of computer memory.
- c) ROM stores the data permanently.
- d) Secondary memory is the internal memory of a computer.
- e) The output given by the computer is the data.

IV. Answer the following questions:

- a) What is Data and Information?
- b) What is memory of a computer? State its types.
- c) List any 3 secondary storage devices.
- d) What are the different types of CDs?
- e) Define cloud computing.

V. Complete the following exercises at the end of the chapter:

- i. Exercise A – Page No. 12
- ii. Exercises B, C and D – Page No. 13
- iii. Exercise E – Page No. 13 and 14.