

Exercises

Tick (✓) the correct answer.

1. This storage device is fixed inside the CPU
(c) Hard Disk
2. This device looks like a CD but can hold much more information
(a) DVD
3. This is temporary memory
(b) RAM
4. The full form of RAM is
(c) Random access memory
5. The memory between CPU and RAM is
(a) Cache memory
6. The latest optical disc with more storage than the DVD is
(a) Blu-ray Disc

Fill in the blanks.

1. We store our computer work in storage devices.
2. The Hard disk is the main device that a computer uses to store information.
3. Blu-ray Disc is the name of a new optical disc.
4. The Blu-ray format offers five times the storage capacity of traditional DVD.
5. Pen drive is a small key -ring sized storage device.
6. Cache memory is high-speed memory in the CPU that is used for faster access to data.
7. The Random Access Memory (RAM) is temporary memory.

Write (T) for true and (F) for false

- | | |
|--|--------------|
| 1. Storage devices enable you to store your computer work permanently. | <u>True</u> |
| 2. A DVD looks like a CD, but can hold much more information. | <u>True</u> |
| 3. Blu-ray Disc is the name of a new optical disc. | <u>True</u> |
| 4. A Hard Disk is a small key-ring sized storage medium that is used to transfer files between computers easily. | <u>False</u> |
| 5. The main memory holds only those data and instructions that the computer is currently working on. | <u>True</u> |
| 6. RAM has limited capacity and data is lost when power is switched off. | <u>True</u> |
| 7. When the microprocessor starts processing data, it first checks in cache memory. | <u>True</u> |

Answer in one word/sentence.

1. Which storage device is permanently fixed inside the CPU cabinet?
Ans- Hard Disk
2. What is the name of the new optical disk which has capacity more than a DVD?
Ans- Blu-ray Disc
3. What is the full form of CD and DVD?
Ans- CD- Compact Disc
DVD- Digital Versatile Disk
4. Write down the full form of RAM?
Ans- Random Access Memory
5. How can you store your computer work so that if your computer suddenly gets switched off, your computer work does not get lost?
Ans- Save the data in storage devices.
6. Which memory speeds up the process of fetching instructions?
Ans- Cache memory

Give Short Answer.

1. What is a Hard Disk?

Ans- Hard Disk is the main device that a computer users to store information.

2. What do you know about Blu-ray Disc?

Ans- Blu-ray Disc is an optical disc format designed to display high definition video and store large amount of data.

3. What is a Pen drive?

Ans- A Pen drive is a small key-ring sized storage medium that transfer files between computers easily.

4. What is RAM?

Ans- It is a temporary memory that holds computer data till the time the computer is switched off.

5. What is a Cache memory and how does it help to access data at high speed?

Ans- Cache memory is high speed memory in the CPU. The most recently processed data is stored in cache memory.

YouTube video link: <https://youtu.be/FLQBAe0gkRA>

