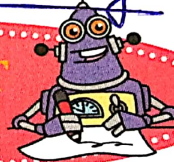


Chapter - 2

Computer Memory

Class - 4

**ASSESSMENT
ZONE**



A. Choose the correct answer.

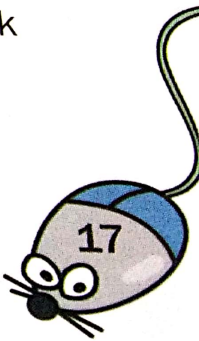
1. _____ is not a secondary storage device.

a) DVD

☒ b) RAM

c) CD

d) Hard disk



2. The _____ is volatile in nature.
a) RAM b) hard disk c) ROM d) pen drive
3. Which of the following is not a characteristic of primary memory?
a) It is that area of memory that holds only those data and instructions on which computer is currently working.
b) The data on the primary memory is directly available to the CPU.
c) It stores data permanently.
d) RAM and ROM are two types of primary memory.

B. Tick (✓) the correct statement and cross (×) out the wrong one.

1. RAM contains prerecorded instructions that can only be read. ☒
2. A CD can hold more data than DVD. ☒
3. Bit is the smallest unit for measuring the computer memory. ☒
4. The primary memory has a limited storage capacity. ☒
5. ROM is a non-volatile memory as it retains the contents even when the power is switched off. ☒

C. Fill in the blanks using the words given below.

RAM	DVD	Byte	ROM	Terabyte
3	2	5	1	4

1. _____ contains a basic set of instructions called BIOS which helps to start the operating system.
2. A _____ is circular in shape and can hold more data than a CD.
3. The number and size of programs that a computer can run simultaneously is dependent on the size of the _____ installed in a computer.
4. 1024 gigabytes is equal to one _____.
5. A combination of 8 bits makes up a _____.

D. Answer the following questions.

1. Name any three units for measuring memory.
2. Give two points of difference between RAM and ROM.
3. Write two differences between primary memory and secondary memory.
4. What is the use of secondary storage devices?
5. How is a DVD different from a Blu-ray disc?

D. Answer the following questions.

1 Name any three units for measuring memory.

Ans. Name any three units for measuring are Byte, kilobyte and Megabyte.

2 Give two points of difference between RAM and ROM.

Ans - RAM

1. RAM stands for Random Access Memory.

2. It is a volatile memory.

ROM

1. ROM stands for Read Only Memory.

2. It is a non-volatile memory.

3 Write two differences between primary memory and secondary memory.

Ans - Primary memory

1. The primary memory is also known as the main memory.

2. It has a limited storage capacity.

Secondary memory

1. The secondary memory is also known as Auxiliary Memory.

2. It has large amount of data storage capacity.

4. What is the use of secondary storage devices?

Ans. The secondary storage devices are used for bulk storage of program, data and other instructions.

5. How is a DVD different from a Blu-ray disc?

Ans. A DVD different from a Blu-ray disc, A Blu-ray disc can store more data than a DVD. A Blu-ray disc can store 25 GB of data which is over five times the storage capacity of a DVD.