



Sabaragamuwa Provincial Department of Education – Weekly School

Grade 10

Information & Communication Technology

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3.4. Determines the capacity of data storage

1. Write the units used to measure data storage from the lowest unit to the highest unit.
2. Match A with B.

A	B
i. 8 Bits	1TB
ii. 2048 KB	1024 GB
iii. 1024 GB	1 Nibble
iv. 4 Bits	1 Byte
v. 1 TB	2 MB

3. Arrange the following storage devices in ascending order according to the capacity.

Hard Disk, Random Access Memory, Cache Memory, Flash Memory, Register Memory

4. Write the following storage devices in ascending order according to the access speed.

Flash memory, Magnetic Tapes, Register Memory, Hard Disk, Read Only Memory

5. 4 megabytes are equivalent to

Underline the correct answer.

- i. 27 B
- ii. 222B
- iii. 4 X 210 B
- iv. 4 X 1024 B

