

M1R5 IT Tools & Network Basics

Introduction to Computer

Topic Reference | Primary and Secondary Computer Memory | September 11, 2026

Topic Summary

Topic: Primary and Secondary Computer Memory

Book: (M1-R5) Information Technology Tools & Network Basic

1 Primary and Secondary Computer Memory

Dive into computer memory, distinguishing between volatile primary memory (RAM, Cache) and non-volatile secondary storage (HDD, SSD, Pen Drive).

Key Points:

Computer Memory

Computer memory refers to the electronic holding place for instructions and data that the computer's processor can access quickly. It is crucial for the computer to function efficiently.

Units of Memory:

- **Bit:** The smallest unit of data (0 or 1).
- **Byte:** 8 bits (e.g., to store one character).
- **Kilobyte (KB):** 1024 bytes.
- **Megabyte (MB):** 1024 KB.
- **Gigabyte (GB):** 1024 MB.
- **Terabyte (TB):** 1024 GB.

Types of Memory:

Exam Tip: Understand the key differences between primary and secondary memory, especially volatility and speed. Be able to provide examples for each.