


Faculty of Electrical, Electronic & Computer Technology	 SAXONY EGYPT UNIVERSITY FOR APPLIED SCIENCE AND TECHNOLOGY
Information Technology	
ECT 113	
Dr. Amina Elhawary	
Eng. Heba Mohsen	

Sheet 2

1. Explain the role of the CPU in a computer system ?
2. Differentiate between RAM and ROM in terms of function and volatility ?
3. Why is cache memory important in a computer ?
4. Describe the difference between system software and application software with examples ?
5. What is the role of Cache Memory in a computer system?
6. List two examples of System Software and two examples of Application Software.
7. What is the purpose of an Operating System?

2. Multiple Choice Questions (MCQs)

1. What is the primary function of the CPU?
 - a) Store data permanently
 - b) Execute programs
 - c) Display output
 - d) Print documents
2. Which type of memory acts as a buffer between the CPU and RAM?
 - a) ROM
 - b) Secondary Memory
 - c) Cache Memory
 - d) Flash Memory

3. Which type of memory is erased when the computer is powered off?
 - a) ROM
 - b) RAM
 - c) Hard Drive
 - d) Flash Drive
4. Which of the following is NOT an example of a storage device?
 - a) Hard Drive
 - b) Printer
 - c) SSD
 - d) USB Drive
5. What is the function of system software?
 - a) To manage hardware and provide a platform for application software
 - b) To create presentations
 - c) To browse the internet
 - d) To edit documents
6. Which of the following is an example of application software?
 - a) Windows OS
 - b) Linux
 - c) Microsoft Word
 - d) BIOS
7. Which type of software helps analyze, configure, and maintain a computer?
 - a) Application Software
 - b) Utility Software
 - c) System Software
 - d) Compiler

True or false:

1. The primary function of the CPU is to store data permanently.
2. Cache memory is slower than RAM.
3. ROM is a type of volatile memory.
4. Storage devices are only found inside the computer.
5. System software includes operating systems and utilities.

6. Application software is used to perform specific user tasks.
7. Application Software is stored on CDs, DVDs, or flash drives.