



Central Administration for General Education

Educational Computer Material Development Department

Under the patronage of His Excellency the Minister of Education,

Mr. Mohamed Abdel Latif

Weekly Assessments for Programming and Artificial Intelligence for General Education (First Secondary Grade)

First Semester of the 2025/2026 Academic Year

Eighth Week

Prepared by:

Tamer Abdel Mohsen Mansour

Director of the Educational Computer Development Department

Review

Dr. Abeer Hamed Ibrahim

Educational Computer Development Consultant

Wassim Salah eldeen Elmanzalawy

Director of the Educational Computer Development Department

Supervisor

Dr. Hala Abdel Salam Khafaji

Head of the Central Administration for General Education

Translated by / Enas Nour El.Deen

Weekly Assessment:

First Test

- 1. A computer consists of five main components, which are:**
 - a) Control Unit, Arithmetic Unit, Memory Unit, Input Unit, Output Unit.**
 - b) Screen, Mouse, Printer, Keyboard, Storage Unit.**
 - c) Processor, Motherboard, Battery, Hard Drive, Screen.**
 - d) Input Unit, Output Unit, Network Unit, Cooling Unit, Arithmetic Unit.**

- 2. Examples of input units:**
 - a) Screen and Printer.**
 - b) Keyboard and Scanner.**
 - c) Hard Drive and SSD.**
 - d) Speakers and Wireless Mouse.**

- 3. The connection standard that transmits audio and video over a single cable is:**
 - a) USB**
 - b) HDMI**
 - c) Ethernet**
 - d) VGA**

- 4. The relationship between the five computer components depends on:**
 - a) Data flow and control flow between the units.**
 - b) Only the speed of the hard drive.**
 - c) Screen size and display resolution.**
 - d) The type of operating system used.**

Second Test

- 1. The Control Unit and the Arithmetic Unit are known together as:**
 - a) Input Unit.**
 - b) Memory Unit.**
 - c) Central Processing Unit (CPU).**
 - d) Storage Unit.**

- 2. Examples of input units:**
 - a) Screen and Printer.**
 - b) Keyboard and Scanner.**
 - c) Hard Drive and SSD.**
 - d) Speakers and Wireless Mouse.**

- 3. The standard used to connect computers within Local Area Networks (LAN) is:**
 - a) HDMI.**
 - b) Bluetooth.**
 - c) Ethernet.**
 - d) USB.**

- 4. USB is typically used to connect:**
 - a) Network devices only.**
 - b) Peripheral devices such as printers and keyboards.**
 - c) Internal storage units.**
 - d) Audio systems only.**

Third Test

1. The function of the Control Unit is:

- a) Executing instructions and issuing commands to the other units.**
- b) Storing data temporarily.**
- c) Processing data only.**
- d) Outputting the final information.**

2. Secondary memory is used for:

- a) Storing data temporarily.**
- b) Executing instructions quickly.**
- c) Long-term storage of data and programs.**
- d) Controlling data flow.**

3. Programs and data are stored temporarily in:

- a) Main memory.**
- b) Secondary memory.**
- c) Arithmetic Unit.**
- d) Input Unit.**

4. What is meant by an "Interface"?

- a) A program that manages hardware.**
- b) A component that mediates information exchange between the computer and peripheral devices.**
- c) An internal storage unit.**
- d) The operating system for peripheral devices.**