Under the patronage of His Excellency the Minister of Education

Mr. Mohammad Abdel Latif

And the directives of the Assistant Minister for Curriculum Affairs, and the supervisor of the Central Administration for Curriculum Development

Dr. Hala Abd El Salam

Assessments and assignments

Information and Communications Technology (ICT)

For Grade Six

Preparation Committee

Dina Swidan

Evaluation Committee

Dr. Radwa Fouad Hassan

Academic supervision

Educational Technology Consultant

Dr. Abeer Hamed

Translated by

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– Sixth Grade - Weekly Assessment and Homework

Week (5) Unit 1: The Role of Technology in Our Lives

Lesson 5 (How Device Operating Systems Work)

Weekly assessment

First test

Put a mark (√) in front of the correct statement and a mark (×) in front of the incorrect statement in the following:

1- Apple computers run only on Microsoft Windows ( )
2- Apple iOS is considered an "open source" operating system ( )

Answer the following questions:

1- What operating system does an Apple computer use to function?
2- Explain the difference between an open-source operating system and a closed-source operating system, providing an example of each?

Second test

Put a mark (√) in front of the correct statement and a mark (×) in front of the incorrect statement in the following:

1- An operating system is a program that controls the functions of a computer ( )
2- The robot's operating system is "closed source" software ( )

Answer the following questions:

1- Define an operating system?
2- Explain the difference between Android and Apple's iOS in terms of source type (open source vs. closed source)?

Third test

Put a mark (√) in front of the correct statement and a mark (×) in front of the incorrect statement in the following:

1- The operating system manages computer software and hardware ( )
2- The most popular mobile operating system is Microsoft Windows. ( )

Answer the following questions:

1- What is the Robot Operating System (ROS), and what do programmers use it for?
2- What language do programmers use to build and create web pages on

the Internet?

Class evaluation

Using the Internet, identify the similarities or differences between the featur of different smartphone screens.

Homework

1- The ..... operating system is an open source software used to build robotic applications.

A- Microsoft Windows
B- Robot Operating System - ROS
C- Android
D- Apple iOS

2- Programmers use Hypertext Markup Language…….. to create web pages

A- Automative
B- macOS
C- HTML
D- Apple iOS

Answer the following questions:

1- What is the Robot Operating System (ROS), and what do programmers use it for?
2- What language do programmers use to build and create web pages on the Internet?