Under the patronage of His Excellency the Minister of Education

Mr. Mohamed Abdel Latif

and the directives of

Dr. Hala Abdel Salam

Head of the Central Department of General Education

Evaluations and Assignments

Information and Communication Technology for the Second Preparatory Grade

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Second Preparatory Grade – Weekly Evaluation and Homework – Week (2)

Weekly Evaluation

First Test

Put (√) in front of the correct statement or (x) in front of the incorrect statement

1. **Intelligent systems are unable to cope with melting ice.** ( )
2. **AI is used in decision-making for implementation by robotics in intelligent systems.** ( )

Second Test

Put (√) in front of the correct statement or (x) in front of the incorrect statement

1. **Intelligent systems improve the efficiency of self-driving cars by increasing fuel consumption.** ( )
2. **One of the proposed smart solutions to address the drought problem is to rely solely on rain** ( )

Third Test

Put (√) in front of the correct statement or (x) in front of the incorrect statement

1. **Intelligent systems enable you to transform a regular hospital into a smart hospital by linking technical devices to IoT and using AI to diagnose diseases and assist patients.** ( )
2. **The inability to provide emotional support for elderly care, as humans do, is considered a disadvantage of using robots.** ( )

Class Evaluation

Suggest several innovative solutions for integrating robots into education using intelligent systems.

Homework

Choose the appropriate answer to complete each of the following statements:

1 - Systems that combine robotics, IoT, and AI are called……..

a. Traditional systems
b. Intelligent interconnected systems
c. Manual systems
d. Mechanical systems

2 - The primary role of sensors in IoT is……

a. Sending text messages
b. Repairing networks
c. Collecting and linking data
d. Manually operating devices

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