

**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
Preparation Committee**

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Second Preparatory Grade – Weekly Evaluation and Homework – Week (11)

Weekly Evaluation

First Test

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

1. Encryption is a method to protect information from unauthorized access. ()
2. Function ord() converts letter to number. ()

Second Test

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

1. Function chr() converts number to corresponding letter. ()
2. Simple encryption like Caesar cipher is still used in protecting major banks. ()

Third Test

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

1. Shift decryption is done using subtraction operation. ()
2. Complex encryption relies on long keys and mathematical equations. ()

Class Evaluation

Dear Student:

Use the Python programming language and perform some operations such as encrypting and decrypting a single character by adding and subtracting a fixed number.



Homework

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

- 1- Which of the following types is used in banks and companies to ensure maximum security?
 - a. Simple encryption
 - b. Complex encryption
 - c. Manual encryption
 - d. Shift encryption

- 2- Simple encryption relies on:
 - a. Complex equations
 - b. Very long keys
 - c. Fixed rules like shifting
 - d. Artificial Intelligence