Under the patronage of His Excellency the Minister of Education

Mr. Mohamed Abdel Latif

and the directives of

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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 (3)

Weekly Evaluation

First Test

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

1. Distributed Denial of Service (DDoS) attacks target only one device. ( )
2. Creating a fake story or deceptive scenario to obtain your personal information online is one of the social engineering techniques. ( )

Answer the following questions-:

1. Explain the concept of Distributed Denial of Service (DDoS) attacks, and what do they consist of؟
2. How are deception scenarios and fabricated stories used in social engineering operations?

Second Test

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

1. Social engineering relies on exploiting vulnerabilities in traditional systems. ( )
2. Sharing your personal information with anyone you trust online is safe. ( )

Answer the following questions-:

1. What is the fundamental difference between social engineering methods and traditional technical attacks in terms of targeting mechanism؟
2. Discuss the risks resulting from sharing personal data and information online.

Third Test

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

1. Deceiving people to reveal their information is one of the social engineering methods. ( )
2. Ransomware permanently damages your device. ( )

Answer the following questions-:

1- Explain how attackers rely on psychological manipulation of humans within social engineering practices.

2- What is ransomware, and how does it affect the data on the targeted device?

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Class Evaluation

Draw a simple diagram showing how a Distributed Denial of Service (DDoS) attack occurs.

Homework

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

1. Which of the following is an example of ransomware?

a. A program that displays annoying ads.

b. A program that encrypts your files and demands a ransom to decrypt them.

c. A program that cleans temporary files on your device.

d. A program that helps you organize your files.

2. **What is the primary goal of Distributed Denial of Service (DDoS) attacks?**

a. Stealing user data.

b. Disabling a website or online service.

c. Spreading false information.

d. Spying on user communications.

Answer the following questions-:

1. Define ransomware, explain how it works, and the risks it poses to users and organizations.

2. What is the primary objective of distributed denial-of-service (DDoS) attacks?

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