Quiz MATH319

د .العنود السلمان

Question 1
Security is simple.
a) True
b) False

Question 2
Denial of Service is a passive attack.
a) True
b) False

Question 3
CIA in security stands for “Central Intelligence Agency”.
a) True
b) False

Question 4
An ..... is an assault on system security that derives from an intelligent threat.
a) Security
b) Threat
c) Attack

Question 5
Concerned with assuring that a communication is authentic.
a) Confidentiality
b) Authentication
c) Availability

Question 6
Used to conceal (hide) small blocks of data, such as encryption keys and hash function values, which are used in digital signatures.
a) Symmetric Encryption
b) Data Integrity Algorithms
c) Authentication Protocols
d) Asymmetric Encryption

Question 7
An example of ..... is unauthorized reading of a message or file.
a) Passive Attacks
b) Threats
c) Active Attacks

Question 8
The ability to limit and control the access to host systems and applications via communications links.
a) Authentication
b) Integrity
c) Access Control

Question 9
Any action that compromises the security of information owned by an organization.
a) Security Service
b) Security Mechanism
c) Security Attack

Question 10
Used to conceal (hide) the contents of blocks or streams of data of any size, including messages, files, encryption keys, and passwords.
a) Data Integrity Algorithms
b) Symmetric Encryption
c) Authentication Protocols
d) Asymmetric Encryption

النموذج الثاني

An ……. is an assault on system security that derives from an intelligent threat.
Attack

Assures that individuals control or influence what information related to them may be collected and stored and by whom and to whom that information may be disclosed
Privacy

Takes place when one entity pretends to be a different entity.
Masquerade

Involves the passive capture of a data unit and its subsequent retransmission to produce an unauthorized effect.
Replay

Used to conceal (hide) small blocks of data, such as encryption keys and hash function values, which are used in digital signatures
Asymmetric Encryption

Any action that compromises the security of information owned by an organization
Security Attack

Assures that systems work promptly and service is not denied to authorized users
Availability

CIA in security stands for “Central Intelligence Agency”
False

Denial of Service is a passive attack.
False

Security requires constant monitoring.
True

النموذج الثالث

Question 1
Replay is an active attack.

Question 2
Threats and attacks are dangerous to security.

Question 3
Security is simple.

Question 4
Assures that a system performs its intended function, free from unauthorized use or manipulation of the system.

Question 5
An ..... is an assault on system security that derives from an intelligent threat.

Question 6
A feature designed to detect, prevent, or recover from a security attack.

Question 7
Assures that individuals control or influence what information related to them may be collected and stored and by whom and to whom that information may be disclosed.

Question 8
Some portion of a legitimate message is altered, or messages are delayed or reordered to produce an unauthorized effect.

Question 9
Used to conceal (hide) small blocks of data, such as encryption keys and hash function values, which are used in digital signatures.

Question 10
Schemes based on the use of cryptographic algorithms designed to authenticate the identity of entities.

النموذج الرابع

Question 1
Prevents either sender or receiver from denying a transmitted message.

Question 2
An ..... is an assault on system security that derives from an intelligent threat.

Question 3
Takes place when one entity pretends to be a different entity.

Question 4
Any action that compromises the security of information owned by an organization.

Question 5
The ability to limit and control the access to host systems and applications via communications links.

Question 6
A ..... is a potential for violation of security, a possible danger that might exploit a vulnerability.

Question 7
A feature designed to detect, prevent, or recover from a security attack.

Question 8
Data Integrity Algorithms are used to protect blocks of data, such as messages, from alteration.

Question 9
Security requires constant monitoring.

Question 10
Security is simple.