

# **Mock Examination OF Information and Network Security sem-V(ATKT)**

**1) Rail Fence Technique is an example of**

- A) Substitution
- B) Transposition
- C) Product cipher
- D) Caesar cipher

Correct Answer: **B**

**2) MAC is used to ensure**

- A) Authentication
- B) Confidentiality
- C) Authentication and integrity
- D) Authentication and confidentiality

Correct Answer: **A**

**3) Key used in the symmetric key cryptography is**

- A) Public key
- B) Private key
- C) Permanent key
- D) Session key

Correct Answer: **B**

**4) A firewall that uses two TCP connections is**

- A) Bastion
- B) Application gateway
- C) Circuit level gateway
- D) Packet filtering**

Correct Answer: **D**

**5) Which security protocol is used to secure pages where users are required to submit sensitive information?**

- A) Secure Socket Layer
- B) Transport Layer Security
- C) Secure IP
- D) Secure HTTP**

Correct Answer: **A**

**6) An attack on authenticity is**

- A) Interruption
- B) Interception
- C) Fabrication
- D) Violation**

Correct Answer: **B**

**7) \_\_\_\_\_ is a message digest algorithm.**

- A) DES
- B) IDEA
- C) MD5**
- D) RSA

Correct Answer: **C**

**8) In polyalphabetic cipher, the characters in plaintext have a relation with the characters in cipher text**

- A) One to one

- B) One to many
- C) Many to one
- D) Many to many**

Correct Answer: **B**

9) **A\_\_\_\_\_can issue digital certificates.**

- A) CA
- B) Government
- C) Shopkeeper
- D) Bank

Correct Answer: **A**

10) **SET is \_\_\_\_\_**

- A) Electronic Payment System
- B) Security Protocol
- C) Credit card payment
- D) Internet Payment System**

Correct Answer: **A**

11) **The main goal of\_\_\_\_\_attack is to obtain unauthorized access to the information.**

- A) Active
- B) Caesar
- C) Passive
- D) Brute force

Correct Answer: **C**

12) **One Time Pad is also known as**

- A) Playfair cipher
- B) Hill cipher
- C) Vigenere Cipher
- D) Perfect Secrecy**

Correct Answer: **D**

13) **IDS stand for**\_\_\_\_\_

- A) Information Detection System
- B) Intrusion Detection System
- C) Institute Detection System
- D) Image Detection System**

Correct Answer: **B**

14)

**Intrusion is action or process that compromisesAuthication, integrity, availability of system**

- A) force fully
- B) With Permission
- C) Without Permission
- D) Both A and C

Correct Answer: **D**

15) **Which one of the following is not a higher -layer SSL protocol?**

- A) Alert Protocol
- B) Handshake Protocol
- C) Alarm Protocol
- D) Change Cipher Spec Protocol**

Correct Answer: **C**

16) **Encapsulating Security Payload (ESP) belongs to which Internet Security Protocol?**

- A) Secure Socket Layer Protocol
- B) Secure IP Protocol
- C) Secure Http Protocol
- D) Transport Layer Security Protocol**

Correct Answer: **B**

17) **Man in the middle attack can endanger the security of Diffie Hellman method if twoparties are not**

- A) Joined
- B) Authenticated
- C) Submitted
- D) Shared

Correct Answer: **B**

**18) It monitors the TCP handshaking going on between the local and remote host to determine whether the session being initiated is legitimate.**

- A) Application Layer Firewall
- B) State full firewall
- C) Packet firewall
- D) Circuit level firewall**

Correct Answer: **D**

**19) In password selection strategy, minimum length of characters used**

- A) 6
- B) 10
- C) 8
- D) 14

Correct Answer: **C**

**20) \_\_\_\_\_ forms the basis for the randomness of authentication token.**

- A) Password
- B) Seed
- C) MD5
- D) RSA

Correct Answer: **A**