

Answer All Questions

Information

6.(A)

Question 1

Not answered

Marked out of 1.00

Describe [AES algorithm](#) with all its round functions in detail.

Information

(OR)

Information

6.(B)

**Question 2**

Not answered

Marked out of 1.00

Analyze the Feistel structure operation including the processes of encryption and decryption

Information

7.(A)

**Question 3**

Not answered

Marked out of 1.00

Discuss the Diffie-Hellman key exchange protocol and evaluate its significance in cryptography.

Information

(OR)

Information

7.(B)

**Question 4**

Not answered

Marked out of 1.00

Analyze elliptic curve arithmetic and discuss how it is applied in Elliptic Curve Cryptography (ECC).

Information

8.(A)

**Question 5**

Not answered

Marked out of 1.00

Illustrate how Kerberos works for authentication in network environments, including its key components and process.

Information

(OR)

Information

8.(B)

Question **6**

Not answered

Marked out of 1.00

Analyze the effectiveness of using Challenge-Response Protocols in mitigating common authentication vulnerabilities.

◀ PART A

Jump to...

PART B AND C ANSWER SCRIPT ►