



CRYPTOGRAPHIC FUNDAMENTALS (BCSE2350 PR)

Question 1Not yet
answeredMarked out of
0.50 Flag question

Security Goals of Cryptography are

Select one:


- ☒ a. All of these
- ☐ b. Data integrity & Non-repudiation
- ☐ c. Confidentiality
- ☐ d. Authenticity

[Clear my choice](#)**Question 2**Not yet
answeredMarked out of
0.50 Flag question

Conventional cryptography also known as ... encryption.

Select one:

- ☐ a. asymmetric-key
- ☒ b. symmetric-key
- ☐ c. logical-key
- ☐ d. None of these

[Clear my choice](#)**Question 3**Not yet
answeredMarked out of
0.50 Flag question

To encrypt the plaintext, a cryptographic algorithm works in combination with a key...

Select one:

- ☐ a. All of these
- ☐ b. Special Symbols
- ☐ c. Function Keys
- ☒ d. Word, number, or phrase

[Clear my choice](#)

Quiz navigation

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| 10 | | | | | | | | |

[Finish attempt ...](#)Time left **0:12:51**

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Question 4

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The plaintext encrypts to different cipher text with different keys

Select one:

- ☒ a. True
- ☐ b. False

[Clear my choice](#)

Question 5

Not yet
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0.50

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ElGamal encryption system is an asymmetric key encryption algorithm.

Select one:

- ☒ a. Public-key cryptography
- ☐ b. None of these
- ☐ c. Private-key cryptography
- ☐ d. Both

[Clear my choice](#)

Question 6

Not yet
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The private key in asymmetric key cryptography is kept by

Select one:

- ☐ a. Sender and receiver
- ☒ b. Receiver
- ☐ c. All the connected devices to the network
- ☐ d. Sender

[Clear my choice](#)

Question 7

Not yet
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The Data Encryption Standard (DES) is an example of a ...

Select one:

- ☐ a. Caesar's cryptosystem
- ☒ b. Conventional cryptosystem



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Question 7

Not yet
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The Data Encryption Standard (DES) is an example of a ...

Select one:

- ☐ a. Caesar's cryptosystem
- ☒ b. Conventional cryptosystem
- ☐ c. Asymmetric cryptosystem
- ☐ d. All of these

[Clear my choice](#)

Question 8

Not yet
answeredMarked out of
0.50

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Which of the following is not a principle of data security?

Select one:

- ☐ a. Authentication
- ☐ b. Data Integrity
- ☒ c. None of the above
- ☐ d. Data Confidentiality

[Clear my choice](#)

Question 9

Not yet
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A process of studying cryptographic system is known as Cryptanalysis

Select one:

- ☒ a. True
- ☐ b. False

[Clear my choice](#)

Question 10

Not yet
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Public key cryptography is a ... cryptosystem

Select one:

- ☐ a. Symmetric
- ☒ b. Asymmetric



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