

## KEAMANAN SIBER IF-44-04 [DRB]

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/ [CLO 2 - Mampu menjelaskan konsep cryptographic hash functions](#) / [Post Test Week 6](#)

**Started on** Saturday, 19 November 2022, 8:09 AM

**State** Finished

**Completed on** Saturday, 19 November 2022, 8:10 AM

**Time taken** 56 secs

**Grade** 10.00 out of 100.00

### Question 1

Incorrect

Mark 0.00 out of 10.00

hash function digunakan untuk autentikasi pesan, nilai dari hash function disebut sebagai

Select one:

- ☐ a. message score
- ☐ b. message field
- ☒ c. message leap **x**
- ☐ d. message digest

The correct answer is: message digest

## Question 2

Incorrect

Mark 0.00 out of 10.00

Here is the characteristic of hash function..

Select one:

- ☐ a. high complexity
- ☒ b. the output length is the same as the input ✖
- ☐ c. must be accompanied by a key
- ☐ d. Incapable of being reversed

The correct answer is: Incapable of being reversed

## Question 3

Correct

Mark 10.00 out of 10.00

What is the objection of digital signature?

Select one:

- ☐ a. adding cert to ensure the sender and the content is real and original
- ☒ b. adding some string to assure that the sender is the real one ✔
- ☐ c. adding cert to assure the sender is the real one
- ☐ d. adding some string to ensure that the content is same as the original

The correct answer is: adding some string to assure that the sender is the real one

## Question 4

Incorrect

Mark 0.00 out of 10.00

The mathematical procedure to convert any input length of text into fixed-length output is called ...

Select one:

- ☐ a. Encrypting
- ☒ b. Digest ✖
- ☐ c. Hashing
- ☐ d. Signature

The correct answer is: Hashing

Question **5**

Incorrect

Mark 0.00 out of 10.00

What is the advantage of Digital Certificate?

Select one:

- ☐ a. Malicious individual can not pretend as the sender
- ☐ b. Authentication
- ☒ c. Low cost **×**
- ☐ d. Help the web owner to persuade the customer

The correct answer is: Malicious individual can not pretend as the sender

Question **6**

Incorrect

Mark 0.00 out of 10.00

What is the objection of hash function?

Select one:

- ☐ a. adding cert to ensure the sender and the content is real and original
- ☒ b. adding cert to assure the sender is the real one **×**
- ☐ c. adding some string to ensure that the content is same as the original
- ☐ d. adding some string to assure that the sender is the real one

The correct answer is: adding some string to ensure that the content is same as the original

Question **7**

Incorrect

Mark 0.00 out of 10.00

The main difference between the digital signature and digital certificate is ...

Select one:

- ☐ a. cryptography
- ☒ b. key owner **×**
- ☐ c. cipher
- ☐ d. key issuer

The correct answer is: key issuer

## Question 8

Incorrect

Mark 0.00 out of 10.00

What kind of security service will hashing achieve?

Select one:

- ☒ a. Authentication ✖
- ☐ b. Integrity
- ☐ c. Non-repudiation
- ☐ d. Availability

The correct answer is: Integrity

## Question 9

Incorrect

Mark 0.00 out of 10.00

What is the task of the Certificate Authority for the digital certificate owner?

Select one:

- ☐ a. Provides the private key for the reader / receiver
- ☐ b. Provides the fixed signature for the owner
- ☒ c. Provides the fixed signature for the reader / receiver ✖
- ☐ d. Provides the private key for the owner

The correct answer is: Provides the private key for the owner

## Question 10

Incorrect

Mark 0.00 out of 10.00

The output of hash function is called ...

Select one:

- ☐ a. cipher
- ☐ b. signature
- ☒ c. hashing ✖
- ☐ d. digest

The correct answer is: digest

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