



Calendar

Question 1

Correct

Mark 2.00 out of 2.00

Flag question

For the purpose of authentication, what three methods are used to verify identity? (Choose three.)

Select one or more:

- ☐ something you do
- ☐ where you are
- ☒ something you have
- ☒ something you are
- ☒ something you know



Refer to curriculum topic: 2.2.1

The forms of authentication are something you know, have, or are.

The correct answers are: something you know, something you have, something you are

Question 2

Correct

Mark 2.00 out of 2.00

Flag question

What is a secure virtual network called that uses the public network?

Select one:

- ☐ Firewall
- ☐ NAC
- ☐ IDS
- ☐ MPLS
- ☐ IPS
- ☒ VPN



Refer to curriculum topic: 2.4.1

The term VPN describes a virtual network that uses encryption to protect data when traveling across Internet media.

The correct answer is: VPN

17	18	19	20
✓	✓	✓	✓

Show one page at a time

Finish review

Question **3**

Correct

Mark 2.00 out of 2.00

Flag question

What are the three foundational principles of the cybersecurity domain? (Choose three.)

Select one or more:

- ☐ encryption
- ☐ security
- ☒ integrity
- ☐ policy
- ☒ availability
- ☒ confidentiality



Refer to curriculum topic: 2.1.1

Three foundational security principles are confidentiality, integrity and availability.

The correct answers are: confidentiality, integrity, availability

Question **4**

Correct

Mark 2.00 out of 2.00

Flag question

What are two methods that ensure confidentiality? (Choose two.)

Select one or more:

- ☐ integrity
- ☐ authorization
- ☒ encryption
- ☐ availability
- ☐ nonrepudiation
- ☒ authentication



Refer to curriculum topic: 2.2.1

Confidentiality means viewing of information only for those who need to know. This can be accomplished by encrypting data and authenticating users who request access.

The correct answers are: encryption, authentication

Question 5

Correct

Mark 2.00 out of 2.00

Flag question

Which two methods help to ensure data integrity? (Choose two.)

Select one or more:

- ☒ hashing
- ☐ privacy
- ☐ authorization
- ☐ repudiation
- ☒ data consistency checks
- ☐ availability



Refer to curriculum topic: 2.2.2

Data integrity systems include one of the two data integrity methods.

The correct answers are: hashing, data consistency checks

Question 6

Correct

Mark 2.00 out of 2.00

Flag question

What is identified by the first dimension of the cybersecurity cube?

Select one:

- ☐ rules
- ☐ safeguards
- ☐ tools
- ☐ knowledge
- ☒ goals



Refer to curriculum topic: 2.1.1

The first dimension of the cybersecurity sorcery cube identifies the goals or security principles required to protect the cyber world.

The correct answer is: goals

Question 7

Correct

Mark 2.00 out of 2.00

Flag question

What three tasks are accomplished by a comprehensive security policy? (Choose three.)

Select one or more:

- ☐ useful for management
- ☒ defines legal consequences of violations
- ☐ vagueness
- ☒ sets rules for expected behavior
- ☐ is not legally binding
- ☒ gives security staff the backing of management



Refer to curriculum topic: 2.4.3

Policy sets the establishment of rules and guidelines for the business.

The correct answers are: sets rules for expected behavior, defines legal consequences of violations, gives security staff the backing of management

Question 8

Correct

Mark 2.00 out of 2.00

Flag question

What name is given to any changes to the original data such as users manually modifying data, programs processing and changing data, and equipment failures?

Select one:

- ☐ backup
- ☐ integrity
- ☐ deletion
- ☐ dissemination
- ☐ corruption
- ☒ modification



Question 9

Correct

Mark 2.00 out of 2.00

Flag question

What name is given to a storage device connected to a network?

Select one:

- ☐ DAS
- ☒ NAS
- ☐ Cloud
- ☐ SAN
- ☐ RAID



Refer to curriculum topic: 2.3.1

NAS refers to a storage device connected to a network that allows storage and retrieval of data from a centralized location by authorized network users.

The correct answer is: NAS

Question 10

Correct

Mark 2.00 out of 2.00

Flag question

What service determines which resources a user can access along with the operations that a user can perform?

Select one:

- ☐ accounting
- ☐ authentication
- ☐ token
- ☒ authorization
- ☐ biometric



Refer to curriculum topic: 2.2.1

Authorization determines whether a user has certain access privileges.

The correct answer is: authorization

Question **11**

Correct

Mark 2.00 out of 2.00

🚩 Flag question

What are two common hash functions? (Choose two.)

Select one or more:

- ☒ MD5
- ☐ RC4
- ☐ ECC
- ☒ SHA
- ☐ Blowfish
- ☐ RSA



Refer to curriculum topic: 2.2.2

SHA and MD5 use complex mathematical algorithms to compute hash values.

The correct answers are: SHA, MD5

Question **12**

Correct

Mark 2.00 out of 2.00

🚩 Flag question

What three design principles help to ensure high availability? (Choose three.)

Select one or more:

- ☐ ensure confidentiality
- ☐ check for data consistency
- ☒ detect failures as they occur
- ☐ use encryption
- ☒ provide for reliable crossover
- ☒ eliminate single points of failure



Refer to curriculum topic: 2.2.3

High availability systems typically include these three design principles.

The correct answers are: detect failures as they occur, provide for reliable crossover, eliminate single points of failure

Question **13**

Correct

Mark 2.00 out of 2.00

Flag question

What three methods help to ensure system availability? (Choose three.)

Select one or more:

- ☒ up-to-date operating systems
- ☒ system backups
- ☒ equipment maintenance
- ☐ fire extinguishers
- ☐ integrity checking
- ☐ system resiliency



The correct answers are: system backups, equipment maintenance, up-to-date operating systems

Question **14**

Correct

Mark 2.00 out of 2.00

Flag question

What mechanism can organizations use to prevent accidental changes by authorized users?

Select one:

- ☒ version control
- ☐ backups
- ☐ hashing
- ☐ SHA-1
- ☐ encryption



Refer to curriculum topic: 2.2.2

Version control ensures that two users cannot update the same object.

The correct answer is: version control

Question **15**

Correct

Mark 2.00 out of 2.00

🚩 Flag question

What are the three states of data? (Choose three.)

Select one or more:

- ☒ at rest
- ☐ suspended
- ☒ in-process
- ☒ in-transit
- ☐ in-cloud
- ☐ encrypted



Refer to curriculum topic: 2.3.1

The protection of the cyber world requires cybersecurity professionals to account for the safeguarding of data in-transit, in-cloud, and at rest.

The correct answers are: at rest, in-transit, in-process

Question **16**

Correct

Mark 2.00 out of 2.00

🚩 Flag question

What is a method of sending information from one device to another using removable media?

Select one:

- ☐ LAN
- ☐ packet
- ☐ infrared
- ☒ sneaker net
- ☐ wireless
- ☐ wired



Refer to curriculum topic: 2.3.2

Sneaker net refers to hand delivering the removable data.

Question 17

Correct

Mark 2.00 out of 2.00

🚩 Flag question

What type of cybersecurity laws protect you from an organization that might want to share your sensitive data?

Select one:

- ☐ nonrepudiation
- ☐ integrity
- ☐ confidentiality
- ☐ authentication
- ☒ privacy



Refer to curriculum topic: 2.2.1

Privacy laws control appropriate use of data and access to data.

The correct answer is: privacy

Question 18

Correct

Mark 2.00 out of 2.00

🚩 Flag question

What principle prevents the disclosure of information to unauthorized people, resources, and processes?

Select one:

- ☐ nonrepudiation
- ☐ availability
- ☐ integrity
- ☒ confidentiality
- ☐ accounting



Refer to curriculum topic: 2.2.1

The security principle of confidentiality refers to the prevention of the disclosure of information to unauthorized people, resources, and processes.

The correct answer is: confidentiality

Question **19**

Correct

Mark 2.00 out of 2.00

🚩 Flag question

What are three types of sensitive information? (Choose three.)

Select one or more:

- ☐ declassified
- ☐ public
- ☒ PII
- ☒ business
- ☒ classified
- ☐ published



Refer to curriculum topic: 2.2.1

Sensitive information is information that would otherwise cause harm to a company or individual if publicly disclosed.

The correct answers are: PII, business, classified

Question **20**

Correct

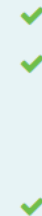
Mark 2.00 out of 2.00

🚩 Flag question

What are three access control security services? (Choose three.)

Select one or more:

- ☐ repudiation
- ☒ authorization
- ☒ accounting
- ☐ access
- ☐ availability
- ☒ authentication



Refer to curriculum topic: 2.2.1

This question refers to AAA authentication, authorization, and accountability.

The correct answers are: authentication, authorization, accounting