



India_Internship Version 2_DTC_CYBESS

Question **21**

Correct

Mark 2.00 out of 2.00

Which utility uses the Internet Control Messaging Protocol (ICMP)?

Select one:

- ☒ ping
- ☐ NTP
- ☐ RIP
- ☐ DNS



Refer to curriculum topic: 7.3.1
ICMP is used by network devices to send error messages.
The correct answer is: ping

Question **22**

Correct

Mark 2.00 out of 2.00

What are two incident response phases? (Choose two.)

Select one or more:

- ☒ detection and analysis
- ☒ containment and recovery
- ☐ confidentiality and eradication
- ☐ prevention and containment
- ☐ mitigation and acceptance
- ☐ risk analysis and high availability



Refer to curriculum topic: 6.3.1
When an incident occurs, the organization must know how to respond. An organization needs to develop an incident response plan that includes several phases.
The correct answers are: detection and analysis, containment and recovery

Question 23

Correct

Mark 2.00 out of 2.00

Which website offers guidance on putting together a checklist to provide guidance on configuring and hardening operating systems?

Select one:

- ☐ The Advanced Cyber Security Center
- ☒ The National Vulnerability Database website
- ☐ Internet Storm Center
- ☐ CERT



Refer to curriculum topic: 8.2.3

There are several cybersecurity information websites that a cybersecurity specialist uses to evaluate the potential vulnerabilities of an organization. Some of these websites are the National Vulnerability Database, CERT, the Internet Storm Center, and the Advanced Cyber Security Center.

The correct answer is: The National Vulnerability Database website

Question 24

Correct

Mark 2.00 out of 2.00

What describes the protection provided by a fence that is 1 meter in height?

Select one:

- ☐ It prevents casual trespassers because of its height.
- ☐ The fence deters determined intruders.
- ☒ It deters casual trespassers only.
- ☐ It offers limited delay to a determined intruder.



Refer to curriculum topic: 7.4.1

Security standards have been developed to assist organizations in implementing the proper controls to mitigate potential threats. The height of a fence determines the level of protection from intruders

The correct answer is: It deters casual trespassers only.

Question 25

Correct

Mark 2.00 out of 2.00

A specialist in the HR department is invited to promote the cybersecurity program in community schools. Which three topics would the specialist emphasize in the presentation to draw students to this field? (Choose three.)

Select one or more:

- ☐ a field requiring a PhD degree
- ☐ a job with routine, day-to-day tasks
- ☒ high earning potential
- ☒ service to the public
- ☒ a career-field in high-demand
- ☐ the CompTIA A+ certification provides an adequate knowledge base for the field



Refer to curriculum topic: 1.2.2

The increased demand for cybersecurity specialists offers several unique career opportunities.

The correct answers are: service to the public, high earning potential, a career-field in high-demand

Question 26

Correct

Mark 2.00 out of 2.00

What is a feature of a cryptographic hash function?

Select one:

- ☐ Hashing requires a public and a private key.
- ☐ The output has a variable length.
- ☐ The hash input can be calculated given the output value.
- ☒ The hash function is a one-way mathematical function.



Refer to curriculum topic: 5.1.1

Data integrity is one of the three guiding security principles. A cybersecurity specialist should be familiar with the tools and technologies used to ensure data integrity.

The correct answer is: The hash function is a one-way mathematical function.

Question 27

Correct

Mark 2.00 out of 2.00

Which methods can be used to implement multifactor authentication?

Select one:

- ☐ VPNs and VLANs
- ☐ tokens and hashes
- ☒ passwords and fingerprints
- ☐ IDS and IPS



Refer to curriculum topic: 2.2.1

A cybersecurity specialist must be aware of the technologies available that support the CIA triad.

The correct answer is: passwords and fingerprints

Question 28

Correct

Mark 2.00 out of 2.00

Users report that the network access is slow. After questioning the employees, the network administrator learned that one employee downloaded a third-party scanning program for the printer. What type of malware might be introduced that causes slow performance of the network?

Select one:

- ☐ spam
- ☐ virus
- ☒ worm
- ☐ phishing



Refer to curriculum topic: 3.1.1

A cybersecurity specialist needs to be familiar with the characteristics of the different types of malware and attacks that threaten an organization.

The correct answer is: worm

Question **29**

Correct

Mark 2.00 out of 2.00

Being able to maintain availability during disruptive events describes which of the principles of high availability?

Select one:

- ☒ system resiliency
- ☐ single point of failure
- ☐ uninterruptible services
- ☐ fault tolerance



Refer to curriculum topic: 6.1.1

High availability can be achieved by eliminating or reducing single points of failure, by implementing system resiliency, and by designing for fault tolerance.

The correct answer is: system resiliency

Question **30**

Correct

Mark 2.00 out of 2.00

Which access control should the IT department use to restore a system back to its normal state?

Select one:

- ☒ corrective
- ☐ compensative
- ☐ preventive
- ☐ detective



Refer to curriculum topic: 4.2.7

Access control prevents an unauthorized user from gaining access to sensitive data and networked systems. There are several technologies used to implement effective access control strategies.

The correct answer is: corrective

◀ Chapter 8 Quiz

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