Security Practices for Operations and Management | EL261

70% passing rate

Question 01: Pick One

Under AWIA, community water systems should coordinate with existing local emergency planning committees.

Points	Choices
10	True
0	False

Feedback for Full Credit:

That's correct.

Feedback for Incorrect or Partial Credit:

I'm sorry, that's not correct.

Question 02: Pick One

Which of the following is true regarding utility security

1.   Commitment to security begins with the customer
2.   Security guards are responsible for all utility security
3.   Utilities should institute background checks on employees to help ensure security
4.   Security measures should not be factored into capital improvement plan budgets

Feedback for Full Credit:

That's correct.

Feedback for Incorrect or Partial Credit:

I'm sorry, that's not correct. All individuals listed have a responsibility toward utility security

Question 03: Pick One

Utilities should develop relationships with:

Points	Choices
0	Local, regional, state and federal law enforcement
0	City/county health department
0	Regulatory agencies
10	All of the above

Feedback for Full Credit:

That's correct!

Feedback for Incorrect or Partial Credit:

I'm sorry that's not correct. Utilities should develop relationships with all of the choices.

Question 04: Pick Many

Select all that are correct statements about the ANSI/AWWA G430-14 standard:

Correct	Choices
X	G430-14 is a voluntary consensus standard
	G430-14 supersedes local and federal laws
X	G430-14 is the consensus of the water sector
	G430-14 is the AWWA standard covering planning

Feedback for Full Credit:

That's correct!

Feedback for Incorrect:

I'm sorry, that's not correct. G430-14 is a voluntary consensus standard and is the consensus of the water sector

Question 05: Pick One

Who is part of your utility security program?

Points	Choices
0	Utility Plant Staff
0	Distribution Staff
0	Utility Management Personnel
0	Customers
10	All of the above

Feedback for Full Credit:

That's correct!

Feedback for Incorrect or Partial Credit:

I'm sorry, that's not correct. The correct answer is "All of the above."

Question 06: Pick One

G430 elements can be broadly categorized into which areas:

Points	Choices
0	Building a utility security program
0	Actions for preventing threats
0	Actions for protecting against threats when they occur
0	Preparedness actions for Resilience should a threat take place
10	All of the above

Feedback for Full Credit:

That's correct!

Feedback for Incorrect or Partial Credit:

I'm sorry, that's not correct. The correct answer is "All of the above."

Question 07: Pick One

Threat intelligence resources are available from regional planning agencies.

Points	Choices
0	True
10	False

Feedback for Full Credit:

That's correct!

Feedback for Incorrect or Partial Credit:

I'm sorry, that's not correct.

Question 08: Pick Many

If you are trying to get buy-in from leadership to support a security culture change, what free or low-cost items do you suggest implementing? Select all that apply.

Correct	Choices
X	Newsletter article
X	Staff meeting agenda item
X	Addition to existing training
X	Leadership proclamation of commitment
	More engineering staff

Feedback for Full Credit:

That's correct!

Feedback for Incorrect:

I'm sorry that's not correct. The correct answer is: Newsletter article, Staff meeting agenda item, Addition to existing training and Leadership proclamation of commitment.

Question 09: Pick Many

Which of the following security concepts should be included in a multi-layer physical security program? Select all that apply.

Correct	Choices
X	Detect
	Assess
X	Deter
X	Devalue
X	Delay
X	Respond

Feedback for Full Credit:

That's correct!

Feedback for Incorrect:

I'm sorry, that's not correct. The correct answer was all of the choices except for Assess.

Question 10: Pick Many

Which of the following would necessitate access control:

Correct	Choices
X	Control systems
X	Chemical storage
X	Finished water reservoir
	Underground distribution piping
X	Administrative offices

Feedback for Full Credit:

That's correct!

Feedback for Incorrect:

I'm sorry, that's not correct. All of the anwers are correct except: Underground distribution piping.

Question 11: Pick Many

Multiple Choice Question: Which of the following are valid sources of malicious threat level and characterization information?

Correct	Choices
X	DHS Bulletins and Alerts
X	Local police/fusion center
X	FBI/ Infragard
X	WaterISAC
	Facebook

Feedback for Full Credit:

That's correct!

Feedback for Incorrect:

I'm sorry, that's not correct. Facebook is not a valid source.

Question 12: Pick One

The utility should evaluate the physical security of paper and electronic information it shares with vendors, bidders, or the public.

Points	Choices
10	True
0	False

Feedback for Full Credit:

That's correct!

Feedback for Incorrect or Partial Credit:

I'm sorry, that's not correct.

Question 13: Matching Answer

Match the plans with the correct description:

Correct	Choices
Emergency Response Plans	Assists utility response crews working through the emergency management cycle
Continuity Plans (formerly Continuity of Operations Plans- COOP)	Supports ongoing operations of critical utility business functions

Feedback for Full Credit:

That's correct!

Feedback for Incorrect or Partial Credit:

I'm sorry, that's not correct.

Question 14: Pick One

CPTED is an acronym for what?

Points	Choices
10	Crime Prevention Through Environmental Design
0	Crime Prevention Through Enhanced Detection
0	Criminal Prosecution Through Enhanced Detection
0	Crime Prevention Through Environmental Detection

Feedback for Full Credit:

That's correct!

Feedback for Incorrect or Partial Credit:

I'm sorry, that's not correct. The correct answers is: Crime Prevention Through Environmental Design.

Question 15: Pick One

It is best practice for Utilities to use the National Incident Management System (NIMS) and the Incident Command System (ICS).

Points	Choices
10	True
0	False

Feedback for Full Credit:

That's correct!

Feedback for Incorrect or Partial Credit:

I'm sorry, that's not correct. Use of ICS and NIMS assists with coordination with key partners during incidents.

Question 16: Pick Many

Which of the following should a utility use to achieve a risk and resilience management strategy?

Correct	Choices
X	Use the G430 standard, J100, M19 and G440
X	Develop a culture of security
	Use suggestions from local media
X	Identify current security measures and gaps
X	Create a culture of constant improvement

Feedback for Full Credit:

That's correct!

Feedback for Incorrect:

I'm sorry, that's not correct. Suggestions from the media are not part of achieving a risk and resilience management strategy

Question 17: Pick One

G430 provides suggested elements of a risk and resilience management strategy, whereas AWIA lists legal requirements of an RRA and ERP.

Points	Choices
10	True
0	False

Feedback for Full Credit:

That's correct!

Feedback for Incorrect or Partial Credit:

I'm sorry, that's not correct. The statement is correct. G430 provides suggested elements of a strategy for utilities, whereas AWIA sets legal requirements for two documents (the risk and resilience assessment and emergency response plan).

Question 18: Pick One

The Risk and Resilience Assessment required under America's Water Infrastructure Act of 2018 may be used by the utility to:

Points	Choices
0	Identify vulnerabilities
0	Improve security planning
0	Improve capital improvement planning
0	Improve emergency response planning
10	All of the above

Feedback for Full Credit:

That's correct!

Feedback for Incorrect or Partial Credit:

I'm sorry, that's not correct. The correct answer is: All of the above.

Question 19: Pick One

An explicit commitment from senior leadership is not necessary for proper implementation of a security program.

Points	Choices
0	True
10	False

Feedback for Full Credit:

That's correct!

Feedback for Incorrect or Partial Credit:

I'm sorry, that's not correct. An explicit commitment from senior leadership IS necessary for proper implementation of a security program.

Question 20: Matching Answer

Match the security measure with the correct concept.

A.	CCTV cameras	1. Detect
B.	Redundant pumps	2. Devalue
C.	Warning signs	3. Deter
D.	Barriers	4. Delay

Feedback for Full Credit:

That's correct!

Feedback for Incorrect or Partial Credit:

I'm sorry, that's not correct. The first layer is Physical Access Control, then Instrusion Alarms, followed by Fences and finally Buildings.