

**Test Name: Exam - Storm Water Management Alternatives for Small Commercial Sites**

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<b>Your Score</b>	100.00%
<b>Status</b>	Passed

**Question 1 of 10**

In the Rational Equation, what does the parameter I stand for?

<input type="checkbox"/>	a. Rainfall amount in inches
<input checked="" type="checkbox"/>	b. Rainfall intensity in inches/hour

**Result:**

Correct

Answer 1 is B

**Feedback**

Correct.

**Question 2 of 10**

Which of the following is likely approximation of the runoff coefficient C for a small commercial site?

<input type="checkbox"/>	a. 0.2
<input type="checkbox"/>	b. 0.3
<input type="checkbox"/>	c. 0.5
<input checked="" type="checkbox"/>	d. 0.8

**Result:**

Correct

Answer 2 is D

**Feedback**

Correct.

**Question 3 of 10**

NOAA Atlas 14 data is currently available for which of the following states?

<input type="checkbox"/>	a. Ohio
<input type="checkbox"/>	b. Arizona
<input type="checkbox"/>	c. South Carolina
<input checked="" type="checkbox"/>	d. All of the above


**Result:**

Correct  
Answer 3 is D

**Feedback**  
Correct.

**Question 4 of 10**

NOAA Atlas 14 data includes what range of return periods?


	a. 2 years to 100 years
	b. 10 years to 100 years
	c. 1 year to 1000 years
	d. 2 years to 500 years

**Result:**  
Correct  
Answer 4 is C

**Feedback**  
Correct.

**Question 5 of 10**

The 24-hour runoff volume can be determined by multiplying the average runoff from a 24-hour rainfall event, determined by the Rational Equation, by what value?

	a. 24
	b. 1440
	c. 87,600

**Result:**  
Correct  
Answer 5 is C

**Feedback**  
Correct.

**Question 6 of 10**

Which of the following storage options can be considered for a small commercial site?

	a. A detention pond
	b. A retention pond
	c. A rain garden
	d. Any of the above

**Result:**

Correct

Answer 6 is D

**Feedback**

Correct.

**Question 7 of 10**

A detention pond outlet can include which of the following types of structures?

<input type="checkbox"/>	a. A weir
<input type="checkbox"/>	b. An orifice
<input type="checkbox"/>	c. A culvert
<input checked="" type="checkbox"/>	d. Any of the above

**Result:**

Correct

Answer 7 is D

**Feedback**

Correct.

**Question 8 of 10**

What is the primary reason for the use of underground storage facilities on a small commercial site?

<input type="checkbox"/>	a. Lowest cost
<input type="checkbox"/>	b. Easiest design
<input checked="" type="checkbox"/>	c. Allows use of surface when land values are high

**Result:**

Correct

Answer 8 is C

**Feedback**

Correct.

**Question 9 of 10**

Which of the following is not a method for removing water from a retention pond?

<input checked="" type="checkbox"/>	a. Outlet pipe
<input type="checkbox"/>	b. Infiltration
<input type="checkbox"/>	c. Evaporation

**Result:**

Correct

Answer 9 is A

**Feedback**

Correct.

**Question 10 of 10**

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LEED credits can be obtained for which of the following?

<input type="checkbox"/>	a. Reducing storm water runoff quantity
<input type="checkbox"/>	b. Improving storm water runoff quality
<input checked="" type="checkbox"/>	c. Both of the above

**Result:**

Correct

Answer 10 is C

**Feedback**

Correct.