

Test Name: Exam - Introduction to Runoff Analysis Using Unit Hydrographs

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Your Score	100.00%
Status	Passed

Question 1 of 10

T or F: A unit hydrograph is a curve which describes a volume of one inch of runoff resulting from a rainstorm of specified duration and aerial pattern.

<input checked="" type="checkbox"/>	a) True
<input type="checkbox"/>	b) False

Result:

Correct

Answer 1 is A

Feedback

Correct.

Question 2 of 10

T or F: The unit hydrograph describes the relationship between rainfall and runoff.

<input checked="" type="checkbox"/>	a) True
<input type="checkbox"/>	b) False

Result:

Correct

Answer 2 is A

Feedback

Correct.

Question 3 of 10

Which of the following is not a characteristic of rainfall events:

<input type="checkbox"/>	a) Intensity
<input type="checkbox"/>	b) Duration
<input type="checkbox"/>	c) Time Distribution
<input checked="" type="checkbox"/>	d) Critical Depth

Result:

Correct


Answer 3 is D

Feedback

Correct.

Question 4 of 10

T or F: A hyetograph describes runoff events.

	a) True
	b) False

Result:

Correct


Answer 4 is B

Feedback

Correct.

Question 5 of 10

T or F: Time variation of rainfall has an effect on the runoff hydrograph.

	a) True
	b) False

Result:

Correct


Answer 5 is A

Feedback

Correct.

Question 6 of 10

T or F: Storm movement does not have an effect on the runoff hydrograph.

	a) True
	b) False

Result:

Correct

Answer 6 is B

Feedback

Correct.

Question 7 of 10

T or F: Under unit hydrograph assumptions, the time distribution of direct runoff from a given storm duration is dependent on concurrent runoff from antecedent storms.

<input type="checkbox"/>	a) True
<input checked="" type="checkbox"/>	b) False

Result:

Correct

Answer 7 is B

Feedback

Correct.

Question 8 of 10

Which of the following parameters is not required for the development of the Snyder Unit Hydrograph:

<input type="checkbox"/>	a. Peak Flow
<input type="checkbox"/>	b. Duration
<input checked="" type="checkbox"/>	c. Time widths at 20% and 90% of the Peak Flow
<input type="checkbox"/>	d. Lag time

Result:

Correct

Answer 8 is C

Feedback

Correct.

Question 9 of 10

T or F: For the SCS method, discharge values are expressed as a function of the peak discharge.

<input checked="" type="checkbox"/>	a) True
<input type="checkbox"/>	b) False

Result:

Correct

Answer 9 is A

Feedback

Correct.

Question 10 of 10

T or F: In the convolution process, a unit hydrograph is not required to convert excess runoff to a runoff hydrograph.

<input type="checkbox"/>	a) True
<input checked="" type="checkbox"/>	b) False

Result:

Correct

Answer 10 is B

Feedback

Correct.