Quiz 5: Terrain Analysis and Hydrospatial Analysis

Due Sep 29 at 4:15pm

Points 15

Questions 6

Available Sep 28 at 4:15pm - Sep 29 at 4:15pm 24 hours

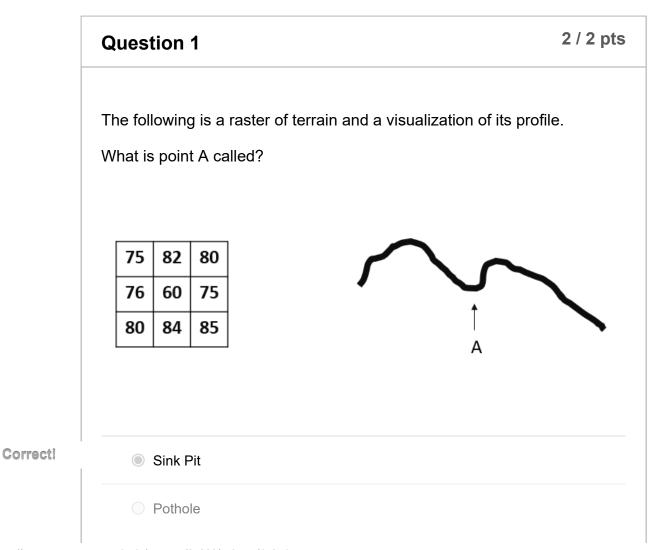
Time Limit 60 Minutes

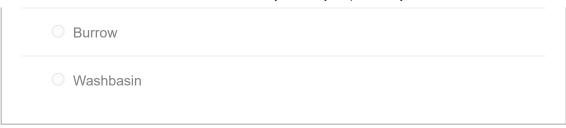
This quiz was locked Sep 29 at 4:15pm.

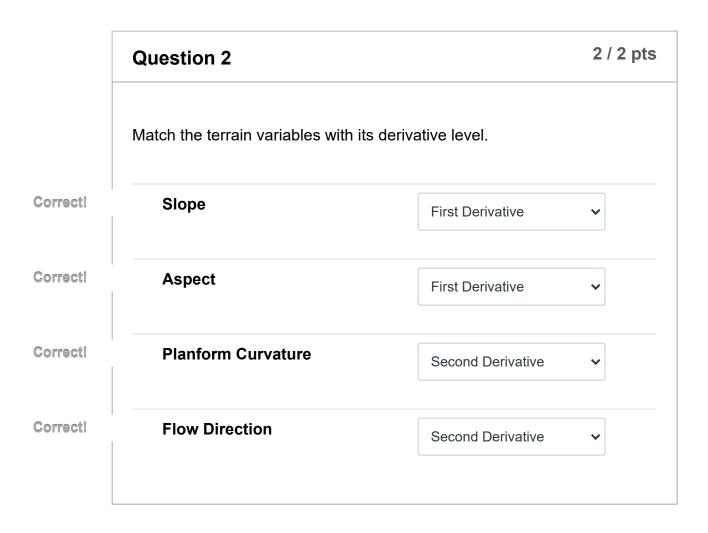
Attempt History

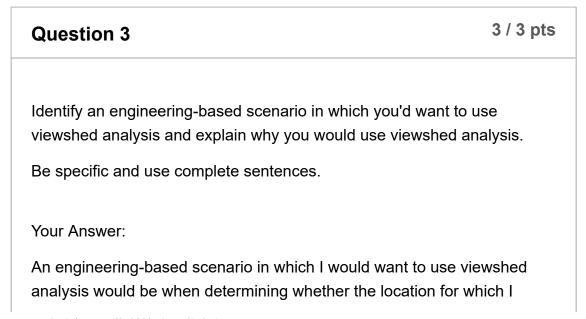
	Attempt	Time	Score
LATEST	Attempt 1	59 minutes	13 out of 15

Score for this quiz: **13** out of 15 Submitted Sep 28 at 10:13pm This attempt took 59 minutes.









2 / 2 pts

intend to place a communications antenna is okay. I would use viewshed analysis in this case since, the area in which the antenna is to service, might be a tourist spot, and I don't want the antenna to disturb the tourists, so I would need viewshed here to hide the antenna in a place, where most tourists would not look and wouldn't bother them.

	Question 4	2 / 2 pts
	Fill in the blanks with the corresponding full-word name for ea	ch acronym
	DEM: Digital Elevation Mc	
	DSM: Digital Surface Mod	
	DTM: Digital Terrain Mode	
	TIN: Triangulated Irregul	
	Answer 1:	
Correct!	digital elevation model	
orrect Answer	Digital Elevation Model	
	Answer 2:	
Correct!	digital surface model	
orrect Answer	Digital Surface Model	
	Answer 3:	
Correct!	digital terrain model	
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Digital Terrain Model

Answer 4:

Triangulated Irregular Network

orrect Answer

triangular irregular network

Triangular Irregular Network

Question 5 4 / 4 pts

When you were little, did you ever roll down a hill for fun? Those were the days!

Imagine you are at a park - you're thinking about running up a hill.

Would you rather know about its *planform curvature* or *profile curvature* before you decide to run up? Justify your answer.

Your Answer:

If I were to run up a hill I believe I would care for the profile curvature, because this curvature concerns the rate of change of the slope, the things that affect the positive and negative acceleration of flow.

Question 6 0 / 2 pts

You are modelling water flow using a digital elevation model. You chose to run tools to sink one area and fill a second area.

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	What then happens to your modelled water?
ou Answered	Water would pool at the site in question
orrect Answer	Water would continue to flow normally past the areas
	Water would change direction 180 degrees
	The software tool would fail. You cannot both sink AND fill in a DEM

Quiz Score: 13 out of 15