

Feedback — Module 3 Concepts problem set

Help

You submitted this quiz on **Fri 10 Oct 2014 4:38 PM PDT**. You got a score of **5.00** out of **6.00**.

Question 1

Which of the following is not a spatial network?

Your Answer	Score	Explanation
<input checked="" type="radio"/> Internet	✖ 0.00	
<input type="radio"/> Country boundries		
<input type="radio"/> Railway network		
<input type="radio"/> Postal network		
Total	0.00 / 1.00	

Question 2

Which of the following questions can be answered by location-based services?

Your Answer	Score	Explanation
<input type="radio"/> What is my current location?		
<input type="radio"/> Which pizza restaurants are within 1 mile?		
<input type="radio"/> What is the shortest path to walk to the nearest bus stop?		

☐ All of the above

✓ 1.00

Total

1.00 / 1.00

Question 3

Which of the following are queries on a road network?

Your Answer**Score****Explanation**☐ How many road intersections in Cape Town, South Africa have turn restrictions?☐ Which road segment does a given street address belong to?☐ What is the shortest path from Nairobi, Kenya to Lagos, Nigeria on the road network?☒ All of the above

✓ 1.00

Total

1.00 /
1.00

Question 4

Which of the following represents a mathematical data model of spatial networks?

Your Answer**Score****Explanation**☐ Custom statements in SQL☒ Graphs

✓ 1.00

☐ Storage structures

☐ Abstract Data types

Total

1.00 / 1.00

Question 5

Which of the following is a disk-based data structure?

Your Answer

Score

Explanation

☒ Denormalized node Table



1.00

☐ Adjacency matrix

☐ Stack

☐ None of the above

Total

1.00 / 1.00

Question 6

Which of following is not a shortest path algorithm?

Your Answer	Score	Explanation
<input type="radio"/> Dijkstra's algorithm		
<input checked="" type="radio"/> K-means	✓ 1.00	
<input type="radio"/> A* algorithm		
<input type="radio"/> Hierarchical routing algorithm		
Total	1.00 / 1.00	

