Knowledge Check 18: Document Store and Graph Processing

Due No due date	**Points** 5	**Questions** 5
Time Limit None	**Allowed Attempts** Unlimited	

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Take the Quiz Again

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Attempt History

	Attempt	Time	Score
KEPT	**Attempt 2**	less than 1 minute	5 out of 5
LATEST	**Attempt 2**	less than 1 minute	5 out of 5
	Attempt 1	3 minutes	3 out of 5

Submitted May 2 at 1:24am

Question 1	**1 / 1 pts**

Select all that apply for Key-value

Correct!   ☑ fast

Correct!   ☑ flexible

Correct!   ☑ able to distribute horizontally

               ☐ able to distribute vertically

Question 2	**1 / 1 pts**

Which of the following is true about the PageRank algorithm?

Correct!

☑ It assigns a numerical weight to each element of a hyperlinked set of documents, such as the World Wide Web, with the purpose of measuring its relative importance within the set.

☐ It is a classification algorithm used in machine learning to rank data points based on their features.

☐ It is a clustering algorithm used in data mining to group data points with similar characteristics.

☐ It is an encryption algorithm used to secure data transmissions over the internet.

Question 3   1 / 1 pts

Which of the following is true about Breadth-First Search (BFS) algorithm?

Correct!

☑ BFS is a graph traversal algorithm that explores all the vertices of a graph by prioritizing the breadth of each vertex.

☐ BFS is a graph traversal algorithm that explores all the vertices of a graph by prioritizing the depth of each vertex

☐ BFS is a sorting algorithm that sorts a list of elements by prioritizing the depth of each element

☐ BFS is a sorting algorithm that sorts a list of elements by prioritizing the breadth of each element.

Question 4   1 / 1 pts

Which of the following statements is true about MongoDB?

Correct!

☑ MongoDB is a document-based NoSQL database.

☐ MongoDB is a relational database management system.

☐ MongoDB supports ACID transactions.

☐ MongoDB only runs on Windows operating systems.

Question 5   1 / 1 pts

Which of the following is true about B+ trees?

Correct!

☑
B+ trees are used for storing hierarchical data like file systems and
database indices.

☐ B+ trees are binary trees

☐ B+ trees store data only in leaf nodes.

☐ B+ trees are used to implement hash tables.