

Quiz 2

Deadline	Thursday, 10 October 2019 at 11:59PM
Latest Submission	Monday, 07 October 2019 at 3:04PM
Raw Mark	5.00/5.00 (100.00%)
Late Penalty	N/A
Final Mark	5.00/5.00 (100.00%)

Question 1 (1 mark)

In Hadoop Distributed File System (HDFS), the NameNode is responsible for

(a) <input type="radio"/>	Storing the data records
(b) <input checked="" type="radio"/>	Storing Metadata about the data records
(c) <input type="radio"/>	Submitting MapReduce jobs

✓ Your response was correct.

Mark: 1.00

Question 2 (1 mark)

Which of the following statements is true regarding shuffle and sort in MapReduce

(a) <input type="radio"/>	Shuffle and sort is in charge of the final aggregation of the outputs produced by Mappers based on the produced value of each <key, value> pair.
(b) <input type="radio"/>	The logic for shuffling and sorting must be defined by the programmer
(c) <input checked="" type="radio"/>	Shuffle and sort is automatically handled by the framework
(d) <input type="radio"/>	None of the above

✓ Your response was correct.

Mark: 1.00

Question 3 (1 mark)

Which of the following statements is true about MapReduce

(a) <input type="radio"/>	Programmers must always be aware of where map and reduce is running in the cluster, as otherwise the solution will not be correct
(b) <input checked="" type="radio"/>	Programmers must provide the logic (implementation) for map tasks
(c) <input type="radio"/>	Programmers must keep track of which key is processed by each reducer
(d) <input type="radio"/>	None of the above

✓ Your response was correct.

Mark: 1.00

Question 4 (1 mark)

What is NOT true about the Map function in MapReduce?

(a) <input type="radio"/>	the application of the function happens in isolation
(b) <input type="radio"/>	Map transforms the input into key-value pairs to process
(c) <input checked="" type="radio"/>	Map aggregate the list of values for each key

✓ Your response was correct.

Mark: 1.00

Question 5 (1 mark)

What is NOT one of the components of YARN?

(a) <input type="radio"/>	Resource Manager
(b) <input checked="" type="radio"/>	Resource Negotiator
(c) <input type="radio"/>	Application Master
(d) <input type="radio"/>	Node Manager

✓ Your response was correct.

Mark: 1.00