

Quiz5

Deadline	Tuesday, 26 November 2019 at 6:00PM
Latest Submission	Monday, 18 November 2019 at 1:56PM
Raw Mark	5.00/5.00 (100.00%)
Late Penalty	N/A
Final Mark	5.00/5.00 (100.00%)

Question 1 (1 mark)

Which of the following requirements is considered one of the motivations for the birth of NoSQL technologies?

(a) <input type="radio"/>	Need for strong consistency to support transactions in web applications
(b) <input checked="" type="radio"/>	Need for an (relatively) easy to scale solution for data storage
(c) <input type="radio"/>	Need for highly available data stores with rigid schemas

✓ Your response was correct.

Mark: 1.00

Question 2 (1 mark)

Why do column-based NoSQL technologies typically store column families together on disk?

(a) <input type="radio"/>	To Make it easy to understand the data
(b) <input type="radio"/>	Mainly because columns in a column family belong to the same storage file
(c) <input checked="" type="radio"/>	Mainly for performance reason (for accessing data from disk)

✓ Your response was correct.

Mark: 1.00

Question 3 (1 mark)

A BASE data sharing system provides the necessary mechanisms to guarantee that clients will get the latest version of data at any time (T).

(a) <input type="radio"/>	True
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(b) <input checked="" type="radio"/>	False
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✓ Your response was correct.

Mark: 1.00

Question 4 (1 mark)

A Shard in Elasticsearch is

(a) <input type="radio"/>	the basic unit of information
(b) <input type="radio"/>	a single server in a cluster
(c) <input checked="" type="radio"/>	an individual instance of Lucene index

✓ Your response was correct.

Mark: 1.00

Question 5 (1 mark)

Which of the statements below is an important difference between searching using query strings and DSL in Elasticsearch?

(a) <input type="radio"/>	Query string search method allows for more complex and varied queries w.r.t. DSL search method
(b) <input type="radio"/>	The query string search method is performed through HTTP requests, while DSL search method is not
(c) <input checked="" type="radio"/>	None of the above

✓ Your response was correct.

Mark: 1.00