

# NOSQL Databases and Big Data Storage Systems

## 1. Questions

1- What are the characteristics of NoSQL systems that are related to distributed databases?

- 1- Scalability
- 2- Availability
- 3- Replication Models
- 4- Eventual Consistency
- 5- Sharding of Files
- 6- High-Performance Data Access

2- What are NOSQL characteristics related to data models and query languages?

- 1- Not Requiring a Schema
- 2- Less Powerful Query Languages
- 3- Versioning

## 2. MCQ

1- MongoDB is a ----- NoSQL database.

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|----------------|-------------------|--------------------|-----------------|
| a- Graph based | b- Document Based | c- Key-Value based | d- Column based |
|----------------|-------------------|--------------------|-----------------|

2- Voldemort is a ----- NoSQL database.

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|----------------|-------------------|--------------------|-----------------|
| a- Graph based | b- Document Based | c- Key-Value based | d- Column based |
|----------------|-------------------|--------------------|-----------------|

3- HDFS (Hadoop Distributed File System) is a ----- NoSQL database.

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|----------------|-------------------|--------------------|-----------------|
| a- Graph based | b- Document Based | c- Key-Value based | d- Column based |
|----------------|-------------------|--------------------|-----------------|

4- Neo4j is a ----- NoSQL database.

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|----------------|-------------------|--------------------|-----------------|
| a- Graph based | b- Document Based | c- Key-Value based | d- Column based |
|----------------|-------------------|--------------------|-----------------|

5- NoSQL interpreted as -----.

a- Not Only SQL	b- No to SQL	c- New Open SQL	d- Never SQL
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6- Most NoSQL systems are ----- which means that NoSQL focus on semi-structured data storage, high performance, availability, data replication, and scalability.

a- Monolith databases	b- Distributed database	c- O-O-DB	d- Structured Db
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7- ----- stores are used to store information about networks, such as social connections.

a- Graph based	b- Document Based	c- Key-Value based	d- Column based
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8- MongoDB specify their document in format of -----.

a- YAML	b- RAML	c- XML	d- JSON
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