

1) The advantage(s) of creating indexes in the database is/are

- A) Indexes reduce time to insert data into the database
- B) Indexes enhance the presentation of data to the end user
- C) Indexes can reduce data access times significantly
- D) Indexes reduce the amount of storage space that the database requires
- E) All of the above

2) Which of the following statements is true?

- A) MongoDB is Document Oriented Database. HBase is a Column Oriented database.
- B) MongoDB is Document Oriented Database. HBase is a relational database.
- C) Both MongoDB and HBase are key-Value type of databases
- D) Both MongoDB and HBase are Column Oriented databases
- E) Both MongoDB and HBase are Document Oriented databases

3) Which of the following statements is true?

- A) You cannot search for a value of an attribute in the “Document” of a Document oriented database. You can search for a value of an attribute stored in the “Value” of a Key-Value data store.
- B) You can search for a value of an attribute in the “Document” of a Document oriented database. You can also search for a value of an attribute stored in the “Value” of a Key-Value data store.
- C) You can search for a value of an attribute in the “Document” of a Document oriented database. You cannot search for a value of an attribute stored in the “Value” of a Key-Value data store.
- D) You cannot search for a value of an attribute in the “Document” of a Document oriented database. You cannot search for a value of an attribute stored in the “Value” of a Key-Value data store.

4) Identify the correct statement(s) about Columns and Column Families of a Column Oriented database

- A) A Column Family can contain one or more Columns
- B) You can create a new Column of an existing Column Family. But creation of a new Column Family requires a schema change.
- C) A Column Family cannot contain more than one Column
- D) A Column can contain more than one Column Family
- E) Both A and B are correct

5) You are designing a web application. You have a requirement to provide a facility to the user to store his/her preferences on the look-and-feel of the web pages of your application. According to Fowler and Sadalage, which of the following database types is best suited for this requirement?

- A) A Column Oriented Database
- B) A Key-Value type of Database
- C) A Document Database
- D) A Graph Database
- E) Both A and D