SHORT QUESTIONS

1] What is NoSQL?

• NoSQL Database is a non-relational Data Management System, that does not require a fixed schema. It avoids joins, and is easy to scale.

• The major purpose of using a NoSQL database is for distributed data stores with humongous data storage needs. NoSQL is used for Big data and real-time web apps. For example, companies like Twitter, Facebook and Google collect terabytes of user data every single day

2] Types of NoSQL Databases

• Key-value Pair Based

• Column-oriented Graph

• Graphs based

• Document-oriented

3] How to create collection ?

• In MongoDB, db.createCollection(name, options) is used to create collection. But usually you don't need to create collection. MongoDB creates collection automatically when you insert some documents. First see how to create collection:

Syntax:

    db.createCollection(name, options)

4] How to drop collection ?

In MongoDB, db.collection.drop() method is used to drop a collection from a database. It completely removes a collection from the database and does not leave any indexes associated with the dropped collections.

The db.collection.drop() method does not take any argument and produce an error when it is called with an argument. This method removes all the indexes associated with the dropped collection.

Syntax:

    db.COLLECTION_NAME.drop()

5] How to drop database ?

The drop Database command is used to drop a database. It also deletes the associated data files. It operates on the current database.

Syntax:

    db.dropDatabase()

6] What is Angular JS ?

• AngularJS is an open-source web application framework. It was originally developed in 2009 by Misko Hevery and Adam Abrons. It is now maintained by Google.

• AngularJS is a structural framework for dynamic web applications. It lets you use HTML as your template language and lets you extend HTML's syntax to express your application components clearly and succinctly.

7] What is Angular JS Expressions?

• Expressions are variables which were defined in the double braces {{ }}. They are very commonly used within Angular JS.

Syntax:

> • A simple example of an expression is {{5 + 6}}.

> • Angular.JS expressions are used to bind data to HTML the same way as the ng-bind directive. AngularJS displays the data exactly at the place where the expression is placed.

8] Angular.JS Objects

• Expressions can be used to work with JavaScript objects as well.

• Let's look at an example of Angular.JS expressions with javascript objects. A javascript object consists of a name-value pair.

• Below is an example of the syntax of a javascript object.

• Syntax:

    var car = {type:"Ford", model:"Explorer", color:"White"};

• In this example, we are going to define one object as a person object which will have 2 key value pairs of "firstName" and "lastName".

9] What is MVC ?

• MVC pattern stands for Model View Controller.

• AngularJS is built upon the MVC design pattern. The principles behind the MVC architecture are very well incorporated in AngularJS. One might have known MVC to be a robust architecture for many server-side languages. AngularJS amalgamated the MVC pattern on the client-side as well.

• M – Model – Contains Application Data

• V – View – Contains Presentation Logic

• C – Controller – Creates communication path between Model and View

10] What is Responsibilities of Controllers ?

• Making available Data to UI

• Managing Presentation

• Handling user inputs

• Processing Data

11] AngularJS Filters

• currency   • date

• filter   • json

• limitTo   • lowercase

• number   • orderBy

• uppercase.