Java Questions & Answers

### ****1.Why Java is platform independent ?****

Platform independent practically means “write once run anywhere”. Java is called so because of its byte codes which can run on any system irrespective of its underlying operating system.

### ****2.What are wrapper classes?****

Wrapper classes converts the java primitives into the reference types (objects)

### ****3.What is association?****

Association is relation between two separate classes which establishes through their Objects

### ****4.What is a servlet ?****

Java Servlet is server side technologies to extend the capability of web servers by providing support for dynamic response and data persistence.

### ****5. What is JDBC Driver ?****

JDBC Driver is a software component that enables java application to interact with the database

### ****6. What is Hibernate Framework?****

Object-relational mapping or ORM is the programming technique to map application domain model objects to the relational database tables.

### 7.What is final keyword?

final keyword is used with Class to make sure no other class can extend it,

### 8.What is anonymous inner class?

A local inner class without name is known as anonymous inner class.

9. **Can a class have multiple constructors?**

Yes, a class can have multiple constructors with different parameters. Which constructor gets used for object creation depends on the arguments passed while creating the objects.

**10 What is multi-threading?**

Multi threading is a programming concept to run multiple tasks in a concurrent manner within a single program.

### ****11) How does cookies work in Servlets?****

Cookies are text data sent by server to the client and it gets saved at the client local machine.

### ****12)What is the role of JDBC DriverManager class?****

The DriverManager class manages the registered drivers. It can be used to register and unregister drivers. It provides factory method that returns the instance of Connection.

### ****13)What do you mean by batch processing in JDBC?****

Batch processing helps you to group related SQL statements into a batch and execute them instead of executing a single query.

### ****14)What is a Spring?****

Spring is essentially a lightweight, integrated framework that can be used for developing enterprise applications in java.

### ****15)Explain the jspDestroy() method.****

jspDestry() method is invoked from javax.servlet.jsp.JspPage interface whenever a JSP page is about to be destroyed.

**Angular Js Questions & Answers :**

### 1) what is angular js ?

**AngularJS** is a JavaScript framework that is used for making rich, extensible web applications.

### 2 ) **What is scope of Angular js ?**

The scope is the object that represents the “model” of your application.

### 3) What is the controller in angular JS

The controller is a function which generally takes an empty scope object as a parameter and adds to it the fields and functions that will be later exposed to the user via the view.

### 4) What are angular modules

Angular Modules are place where we write code of our Angular application.

**5)What is “$rootScope” in AngularJS?**

A scope provides a separation between View and its Model. Every application has a $rootScope provided by AngularJS and every other scope is its child scope.

**6)What is SPA (Single page application) in AngularJS?**

Single-Page Applications (SPAs) are web applications that load a single HTML page and dynamically update that page as the user interacts with the app.

**7) How to implement routing in AngularJS?**

This feature is useful in building SPA (Single Page Application) with multiple views.

**8) what is Dependency Injection in AngularJS?**

Dependency Injection is one of the best features of AngularJS. It is a software design pattern in which objects are passed as dependencies.

**9) Explain ng-repeat directive.?**

It iterates over a collection of items and creates DOM elements.

**10) What are the filters in AngularJS?**

Filters are used to modify the data and can be clubbed in expression or directives using a pipe character.

**11) Explain ng-disabled Directive in AngularJS ?**

ng- disabled directive is used to enable or disable HTML elements. Let us see this with the help of an example.

**12) Explain ng-app directive.**

 We can use this to auto-bootstrap an AngularJS application.

**13) What is Representational State Transfer(REST) in AngularJS.**

REST is a style of API that operates over HTTP requests.

**14) Why to use AngularJS Global Object services?**

The main reason that AngularJS includes these services is to make testing easier, but an important facet of unit testing is the need to isolate a small piece of code and test its behavior without testing the components it depends on—in essence, creating a focused test.

**15) Explain Provider Method in AngularJS.**

The Module.provider method allows you to take more control over the way that a service object is created or configured .