**Spring:-**

Q 1 - Which are the modules of Data Access/ integration layer?

A - JDBC, ORM, OXM, JMS, Transactions

[B - JDBC, ORM, OXM, JMS](javascript:void(0);)

[C - JDBC, ORM, Web, Beans](javascript:void(0);)

[D - JDBC, ORM, OXM, JMS](javascript:void(0);)

Answer : A

Q 2 - What types of Dependency injection does spring supports?

A - Constructor based, Setter based

[B - Constructor based, Setter based, Getter Based](javascript:void(0);)

[C - Setter based, Getter based, Properties based](javascript:void(0);)

[D - Constructor based, Setter based, Properties based](javascript:void(0);)

### Answer : A

### Explanation

Spring supports Constructor based, Setter based injections.

Q 3 - What is request scope?

A - This scopes a bean definition to an HTTP request.

[B - This scopes the bean definition to Spring IoC container.](javascript:void(0);)

[C - This scopes the bean definition to HTTP Session.](javascript:void(0);)

[D - This scopes the bean definition HTTP Application/ Global session.](javascript:void(0);)

### Answer : A

### Explanation

request scope instructs Spring IoC container to create a instance per HTTP request.

Q 4 - What is bean autowiring?

A - Autowiring lets Spring resolve collaborators (other beans) for your bean by inspecting the contents of the BeanFactory without using <constructor-arg> and <property> elements.

[B - Autowiring injects values in spring beans.](javascript:void(0);)

[C - Autowiring injects one bean into another.](javascript:void(0);)

[D - Autowiring helps in wiring a list of values, allowing duplicates.](javascript:void(0);)

Q 5 - What is RequestHandledEvent:event?

[A - This event is published when the Servlet Context is either initialized or refreshed.](javascript:void(0);)

[B - This event is published when the HTTP Request is received.](javascript:void(0);)

C - This event is published when the HTTP session is initialized or refreshed.

[D - This event is published when the HTTP Request is serviced.](javascript:void(0);)

### Answer : C

Q 6 - What is Weaving?

[A - Weaving is the process of injecting values in objects to create an advised object.](javascript:void(0);)

B - Weaving is the process of linking aspects with other application types or objects to create an advised object.

[C - This is used to inject values in objects.](javascript:void(0);)

[D - Weaving is used to check object dependencies.](javascript:void(0);)

### Answer : B

Q 7 - What are the types of the transaction management Spring supports?

[A - Programmatic transaction management](javascript:void(0);)

[B - Declarative transaction management](javascript:void(0);)

C - Both of above.

[D - None of above.](javascript:void(0);)

### Answer : C

Q 8 - Expression Language/ SpEL was introduced in which version of spring framework.

[A - 1.0](javascript:void(0);)

[B - 2.0](javascript:void(0);)

C - 3.0

[D - 4.0](javascript:void(0);)

### Answer : C

Q 9 - If a bean can be created any number of times, scope is

[A - session](javascript:void(0);)

[B - global-session](javascript:void(0);)

C - prototype

[D - request](javascript:void(0);)

### Answer : C

Q 10 - Which of the following class can be used to call Stored Procedures in spring?

[A - SPHelper](javascript:void(0);)

[B - JdbcTemplateCall](javascript:void(0);)

[C - JdbcTemplate](javascript:void(0);)

D - SimpleJdbcCall

### Answer : D

**Controller:-**

1. FilterConfig.cs file is under in which App folder?

* [**A.**](javascript:%20void(0)) App\_Data
* [**B.**](javascript:%20void(0)) App\_Start
* [**C.**](javascript:%20void(0)) Content
* [**D.**](javascript:%20void(0)) Filters

Answer: Option B

2. You are globalizing an application and are compiling a list of items that need to be translated. Which items should be included on the list?

* [**A.**](javascript:%20void(0)) Images that are used as part of the menu structure
* [**B.**](javascript:%20void(0)) The company logo
* [**C.**](javascript:%20void(0)) Server error-logging messages
* [**D.**](javascript:%20void(0)) Button tooltips
* [**E.**](javascript:%20void(0)) Both A and D

Answer: Option E

3. How can we add Series to MVC Charts?

* [**A.**](javascript:%20void(0)) .AddSeries(chartType: "Bar", xValue: xValue, yValues: yValue)
* [**B.**](javascript:%20void(0)) .AddSeries(chartType: "Bar", xValue = xValue, yValues = yValue)
* [**C.**](javascript:%20void(0)) .AddSeries(chartType: "Bar", xValue: xValue, yValues: yValue)
* [**D.**](javascript:%20void(0)) None

Answer: Option C

4. Which is more faster between ASPX View Engine and Razor View Engine.

* [**A.**](javascript:%20void(0)) ASPX View Engine
* [**B.**](javascript:%20void(0)) Razor View Engine
* [**C.**](javascript:%20void(0)) Both A & B
* [**D.**](javascript:%20void(0)) None

Answer: Option A

5. . . . . . helps you to maintain data when you move from controller to view.

* [**A.**](javascript:%20void(0)) View Bag
* [**B.**](javascript:%20void(0)) View Data
* [**C.**](javascript:%20void(0)) Temp Data
* [**D.**](javascript:%20void(0)) None of above

Answer: Option B

6. In which format data can be return from XML into table?

* [**A.**](javascript:%20void(0)) DataSet
* [**B.**](javascript:%20void(0)) Datatable
* [**C.**](javascript:%20void(0)) A and B
* [**D.**](javascript:%20void(0)) None

Answer: Option A

7. What is the extension of MVC view when using vb.net?

* [**A.**](javascript:%20void(0)) cshtml
* [**B.**](javascript:%20void(0)) vbhtml
* [**C.**](javascript:%20void(0)) None
* [**D.**](javascript:%20void(0)) Both A & B

Answer: Option B

8. Which of the following methods are used to render partial view?

* [**A.**](javascript:%20void(0)) Html.Partial()
* [**B.**](javascript:%20void(0)) Html.RenderPartial()
* [**C.**](javascript:%20void(0)) Html.RenderAction()
* [**D.**](javascript:%20void(0)) All of the above

Answer: Option D

9. How to check all errors of Model using ASP.Net MVC?

* [**A.**](javascript:%20void(0)) var errors = Model.Values.SelectMany(v => v.Errors)
* [**B.**](javascript:%20void(0)) var errors = ModelState.SelectMany(v => v.Errors)
* [**C.**](javascript:%20void(0)) var errors = ModelState.Values.SelectMany(v => v.Errors)
* [**D.**](javascript:%20void(0)) None

Answer: Option C

0. MVC is composed of three components:

* [**A.**](javascript:%20void(0)) Member Vertical Controller
* [**B.**](javascript:%20void(0)) Model View Control
* [**C.**](javascript:%20void(0)) Model View Controller
* [**D.**](javascript:%20void(0)) Model Variable Centered

Answer: Option C

**Dispatcher Servlet:-**

**1)     Connection Pooling Class manages no of user requests for connections to improve the performance.**

**a.** True

**b.** False

- True

**2)   Which object of HttpSession can be used to view and manipulate information about a session?**

**a.** session identifier

**b.** creation time

**c.** last accessed time

**d.** All mentioned above

**ANSWER: All mentioned above**

**3)   Using mail API we cannot send mail from a servlet.**

**a.** True

**b.** False

**ANSWER: False**

**4)   Which class provides stream to read binary data such as image etc. from the request object?**

**a.** ServltInputStream

**b.** ServletOutputStream

**c.** Both A & B

**d.** None of the above

**ANSWER: ServltInputStream**

**5)   The sendRedirect() method of HttpServletResponse interface can be used to redirect response to another resource, it may be servlet, jsp or html file.**

**a.** True

**b.** False

**ANSWER: True**

**6)   Which of these ways used to communicate from an applet to servlet?**

**a.** RMI Communication

**b.** HTTP Communication

**c.** Socket Communication

**d.** All mentioned above

**ANSWER: All mentioned above**

**7)   Which methods are used to bind the objects on HttpSession instance and get the objects?**

**a.** setAttribute

**b.** getAttribute

**c.** Both A & B

**d.** None of the above

**ANSWER: Both A & B**

**8)   Which type of ServletEngine is a server that includes built-in support for servlets?**

**a.** Add-on ServletEngine

**b.** Embedded ServletEngine

**c.** Standalone ServletEngine

**d.** None of the above

**ANSWER: Standalone ServletEngine**

**9)   What type of servlets use these methods doGet(), doPost(),doHead, doDelete(), doTrace()?**

**a.** Genereic Servlets

**b.** HttpServlets

**c.** All of the above

**d.** None of the above

**ANSWER: HttpServlets**

**10)   Which cookie it is valid for single session only and it is removed each time when the user closes the browser?**

**a.** Persistent cookie

**b.** Non-persistent cookie

**c.** All the above

**d.** None of the above

**ANSWER: Non-persistent cookie**

**Spring Hibernate:-**

1.Spring HibernateTemplate can simplify your DAO implementation by managing sessions and transactions for you.  
a) True  
b) False

Answer: a  
Explanation: However, using HibernateTemplate means your DAO has to depend on Spring API.

2. An alternative to Spring HibernateTemplate is:-  
a) HibernateContext  
b) Hibernate contextual sessions  
c) All of the mentioned  
d) None of the mentioned

Answer: b  
Explanation: An alternative to Spring HibernateTemplate is to use Hibernate contextual sessions.

3. Sessionfactory can manage contextual sessions for you and allows you to retrieve them by the:-  
a) getSession() method  
b) getCurrent() method  
c) getCurrentSession() method  
d) none of the mentioned

Answer: c  
Explanation: In Hibernate 3, a sessionfactory can manage contextual sessions for you and allows you to retrieve them by the getCurrentSession() method on org.hibernate.SessionFactory.

4. DAO methods require access to the session factory, which can be injected:-  
a) a setter method  
b) constructor argument  
c) none of the mentioned  
d) all of the mentioned

Answer: d  
Explanation: To use the contextual session approach, your DAO methods require access to the session factory, which can be injected via a setter method or a constructor argument.

5. DAO methods must be made transactional.  
a) True  
b) False

Answer: a  
Explanation: This is required because Spring wraps the SessionFactory with a proxy that expects that Spring transaction management is in play when methods on a session are made.

6. Annotation to find a transaction and then fail, complaining that no Hibernate session been bound to the thread.  
a) @Transaction  
b) @Transactional  
c) @Transactions  
d) None of the mentioned

Answer: b  
Explanation: This ensures that the persistence operations within a DAO method will be executed in the same transaction and hence by the same session.

7. In the bean configuration file for Hibernate (i.e., beans-hibernate.xml), you have to declare a HibernateTransactionManager instance for this application and enable declarative transaction via:-  
a) tx:annotation  
b) tx:annotationdriven  
c) tx:annotation-driven  
d) none of the mentioned

Answer: c  
Explanation: In the bean configuration file for Hibernate (i.e., beans-hibernate.xml), you have to declare a HibernateTransactionManager instance for this application and enable declarative transaction management via tx:annotation-driven.

8. HibernateTemplate will translate the native Hibernate exceptions into exceptions in Spring DataAccessException hierarchy.  
a) True  
b) False

Answer: a  
Explanation: This allows consistent exception handling for different data access strategies in Spring.

9. Annotation for Hibernate exceptions to be translated into Spring DataAccessException for consistent exception handling:-  
a) @Translation  
b) @Repo  
c) @Repository  
d) None of the mentioned

Answer: c  
Explanation: If you want the Hibernate exceptions to be translated into Spring DataAccessException for consistent exception handling, you have to apply the @Repository annotation to your DAO class that requires exception translation.

10. Instance to translate the native Hibernate exceptions into data access exceptions in Spring DataAccessException hierarchy.  
a) PersistenceExceptionPostProcessor  
b) PersistenceExceptionTranslation  
c) PersistenceException  
d) PersistenceExceptionTranslationPostProcessor

Answer: d  
Explanation: This bean post processor will only translate exceptions for beans annotated with @Repository.

11. You can assign a component name in this annotation and have the session factory autowired by the Spring IoC container with @Autowired.  
a) True  
b) False

Answer: a  
Explanation: In Spring, @Repository is a stereotype annotation. By annotating it, a component class can be auto-detected through component scanning.

12. Spring provides to simplify your DAO implementation by managing entitymanagers and transactions for you:-  
a) HibernateTemplate  
b) JpaTemplate  
c) SpringTemplate  
d) None of the mentioned

Answer: b  
Explanation: Using Spring JpaTemplate means your DAO is dependent on Spring API.