Can servlet class declare constructor with ServletConfig object as an argument?

a) True

b) False

Answer : b

Which of the following is not true for servlet?

(a) It is persistent

(b) Platform independent

(c) High performance

(d) It is multi threaded

(e) It is single threaded.

Answer: E

What is the difference between servlets and applets?

i. Servlets execute on Server; Applets execute on browser

ii. Servlets have no GUI; Applet has GUI

iii. Servlets creates static web pages; Applets creates dynamic web pages

iv. Servlets can handle only a single request; Applet can handle multiple requests

a) i, ii, iii are correct

b) i, ii are correct

c) i, iii are correct

d) i, ii, iii, iv are correct

Answer: b

Explanation: Servlets execute on Server and doesn't have GUI. Applets execute on browser and has GUI.

When destroy() method of a filter is called?

a) The destroy() method is called only once at the end of the life cycle of a filter

b) The destroy() method is called after the filter has executed doFilter method

c) The destroy() method is called only once at the begining of the life cycle of a filter

d) The destroyer() method is called after the filter has executed

View Answer

Answer: a

Explanation: destroy() is an end of life cycle method so it is called at the end of life cycle.

When destroy() method of a filter is called?

a) The destroy() method is called only once at the end of the life cycle of a filter

b) The destroy() method is called after the filter has executed doFilter method

c) The destroy() method is called only once at the begining of the life cycle of a filter

d) The destroyer() method is called after the filter has executed

Answer - a)

D10_harshitjain 43465 02/15 2:18 PM

Q.Which of the following code retrieves the body of the request as binary data?

a) DataInputStream data = new InputStream()

b) DataInputStream data = response.getInputStream()

c) DataInputStream data = request.getInputStream()

d) DataInputStream data = request.fetchInputStream()

Answer: c

Explanation: InputStream is an abstract class. getInputStream() retrieves the request in binary data.

D10_Abhaya Pathak 43310 02/15 2:23 PM

Which of the following is the correct order of servlet life cycle phase methods?

A - init(), service(), destroy()

B - initialize(), service(), destroy()

C - init(), execute(), destroy()

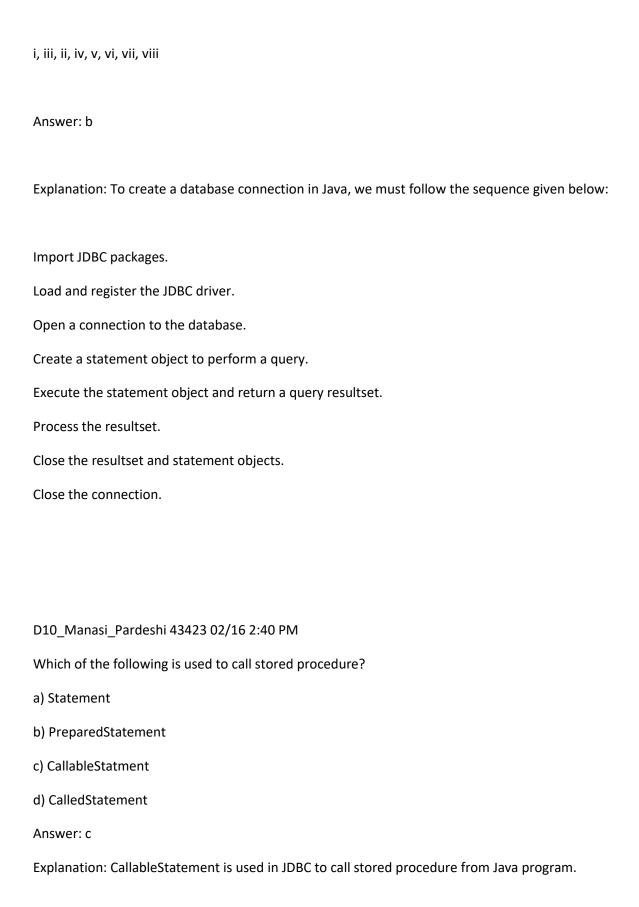D - init(), service(), delete()

Answer : A

Explaination

The servlet is initialized by calling the init () method. The servlet calls service() method to process a client's request. The servlet is terminated by calling the destroy() method.

Q 1 - What are Servlets?

A - Java Servlets are programs that run on a Web or Application server.

B - Java Servlets act as a middle layer between a request coming from a Web browser or other HTTP client and databases or applications on the HTTP server.

C - Both of the above.

D - None of the above.

Answer : C

Explaination

Java Servlets are programs that run on a Web or Application server and act as a middle layer between a request coming from a Web browser or other HTTP client and databases or applications on the HTTP server.

Q. Which object is created by the web container at time of deploying the project?
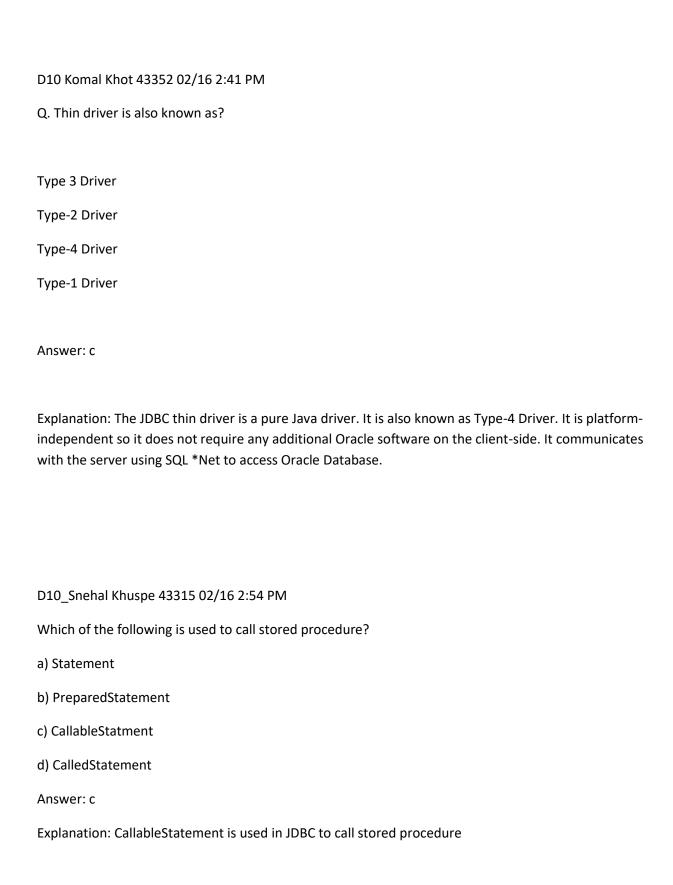
a. ServletConfig

b. ServletContext

c. Both A & B

d. None of the above

ANSWER: ServletContext

D10-Akash Jadhav- 43375 02/15 6:24 PM

Which of the following is true about servlets?

a) Servlets execute within the address space of web server

b) Servlets are platform-independent because they are written in java

c) Servlets can use the full functionality of the Java class libraries

d) Servlets execute within the address space of web server, platform independent and uses the functionality of java class libraries   Answer: d

Q. Which of the following is correct about ResultSet class of JDBC?

A - ResultSet holds data retrieved from a database after you execute an SQL query using Statement objects.

B - It acts as an iterator to allow you to move through its data.

C - The java.sql.ResultSet interface represents the result set of a database query.

D - All of the above.

Answer : D

Explanation

ResultSet objects hold data retrieved from a database after you execute an SQL query using Statement objects. It acts as an iterator to allow you to move through its data. The java.sql.ResultSet interface represents the result set of a database query.

D10_Tejas Jadhav 43276 02/16 2:28 PM

Which of the following is correct about Class.forName() method call?

A - This method dynamically loads the driver's class file into memory, which automatically registers it.

B - This method is preferable because it allows you to make the driver registration configurable and portable.

C - Both of the above.

D - None of the above.

Answer : C

D10-Akash Jadhav- 43375 02/16 2:29 PM

Which of the following contains both date and time?

a) java.io.date

b) java.sql.date

c) java.util.date

d) java.util.dateTime

Answer: d

D10_Shubham Khatwate 43482 02/16 2:29 PM

What are the major components of the JDBC?

a).DriverManager, Driver, Connection, Statement, and ResultSet

b).DriverManager, Driver, Connection, and Statement

c).DriverManager, Statement, and ResultSet

d).DriverManager, Connection, Statement, and ResultSet

D10_Nikhil Gharate_ 43251 02/16 2:30 PM

Which of the following is used to call stored procedure?

a) Statement

b) PreparedStatement

c) CallableStatment

d) CalledStatement   Answer: c

Explanation: CallableStatement is used in JDBC to call stored procedure from Java program.

D10_Abhaya Pathak 43310 02/16 2:33 PM

What is the correct sequence to create a database connection?

i. Import JDBC packages.

ii. Open a connection to the database.

iii. Load and register the JDBC driver.

iv. Execute the statement object and return a query resultset.

v. Create a statement object to perform a query.

vi. Close the resultset and statement objects.

vii. Process the resultset.

viii. Close the connection.

i, ii, iii, v, iv, vii, viii, vi

i, iii, ii, v, iv, vii, vi, viii

ii, i, iii, iv, viii, vii, v, vi

i, iii, ii, iv, v, vi, vii, viii

Answer: b

Explanation: To create a database connection in Java, we must follow the sequence given below:

Import JDBC packages.

Load and register the JDBC driver.

Open a connection to the database.

Create a statement object to perform a query.

Execute the statement object and return a query resultset.

Process the resultset.

Close the resultset and statement objects.

Close the connection.

D10_Manasi_Pardeshi 43423 02/16 2:40 PM

Which of the following is used to call stored procedure?

a) Statement

b) PreparedStatement

c) CallableStatment

d) CalledStatement

Answer: c

Explanation: CallableStatement is used in JDBC to call stored procedure from Java program.

D10 Komal Khot 43352 02/16 2:41 PM

Q. Thin driver is also known as?

Type 3 Driver

Type-2 Driver

Type-4 Driver

Type-1 Driver

Answer: c

Explanation: The JDBC thin driver is a pure Java driver. It is also known as Type-4 Driver. It is platform-independent so it does not require any additional Oracle software on the client-side. It communicates with the server using SQL *Net to access Oracle Database.

D10_Snehal Khuspe 43315 02/16 2:54 PM

Which of the following is used to call stored procedure?

a) Statement

b) PreparedStatement

c) CallableStatment

d) CalledStatement

Answer: c

Explanation: CallableStatement is used in JDBC to call stored procedure

from Java program.

D10_Himanshu Gangil 43473 02/16 3:08 PM

When destroy() method of a filter is called?

a) The destroy() method is called only once at the end of the life cycle of a filter

b) The destroy() method is called after the filter has executed doFilter method

c) The destroy() method is called only once at the begining of the life cycle of a filter

d) The destroyer() method is called after the filter has executed

Answer: a

Explanation: destroy() is an end of life cycle method so it is called at the end of life cycle.

D10_harshitjain 43465 02/16 3:16 PM

Q.Which of the following is advantage of using PreparedStatement in Java?

a) Slow performance

b) Encourages SQL injection

c) Prevents SQL injection

d) More memory usage

Answer: c

Explanation: PreparedStatement in Java improves performance and also prevents from SQL injection.

D10 Rutuja Mathakari 43378 02/16 3:19 PM

Which JDBC driver Type(s) can be used in either applet or servlet code?

a) Both Type 1 and Type 2

b) Both Type 1 and Type 3

c) Both Type 3 and Type 4

d) Type 4 only

D10_Shivam Jagtap 43697 02/16 3:28 PM

Q. Thin driver is also known as?

Type 3 Driver

Type-2 Driver

Type-4 Driver

Type-1 Driver

Answer: c

Explanation: The JDBC thin driver is a pure Java driver. It is also known as Type-4 Driver. It is platform-independent so it does not require any additional Oracle software on the client-side. It communicates with the server using SQL *Net to access Oracle Database.

Which of the following code is used to get an attribute in a HTTP Session object in servlets?

a) session.getAttribute(String name)

b) session.alterAttribute(String name)

c) session.updateAttribute(String name)

d) session.setAttribute(String name)

Answer: a

Explanation: session has various methods for use

D10_Nikhil Mahajan_ 43389 02/18 1:54 PM

Which of the following method can be used to get the value of form parameter?

A - request.getParameter()

B - request.getParameterValues()

C - request.getParameterNames()

D - None of the above.

Answer : A

Explaination

You call request.getParameter() method to get the value of a form parameter.

D10_Abhaya Pathak 43310 02/18 2:10 PM

Servlets handle multiple simultaneous requests by using threads.

a. True

b. False

ANSWER: True

D10-Akash Jadhav- 43375 02/18 2:12 PM

Which are the session tracking techniques?

i. URL rewriting

ii. Using session object

iii.Using response object

iv. Using hidden fields

v. Using cookies

vi. Using servlet object

a) i, ii, iii, vi

b) i, ii, iv, v

c) i, vi, iii, v

d) i, ii, iii, v

Answer: b

D10 Komal Khot 43352 02/18 2:14 PM

Q. Which of the following code is used to get an attribute in a HTTP Session object in servlets?

A. session.getAttribute(String name)

B. session.alterAttribute(String name)

C. session.updateAttribute(String name)

D. session.setAttribute(String name)

Answer: Option A

D10_Shubham Khatwate 43482 02/18 2:30 PM

Which of the following code retrieves the body of the request as binary data?

a) DataInputStream data = new InputStream()

b) DataInputStream data = response.getInputStream()

c) DataInputStream data = request.getInputStream()

d) DataInputStream data = request.fetchInputStream()

D10_Adarsh Gawai_ 43551 02/18 2:33 PM

Q. Which of the following code is used to get an attribute in a HTTP Session object in servlets?

a) session.getAttribute(String name)

b) session.alterAttribute(String name)

c) session.updateAttribute(String name)

d) session.setAttribute(String name)

Answer: a

Explanation: session has various methods for use

D10_Nikita Mane 43564 02/19 7:14 PM

Which of the following code is used to get names of the parameters in servlet?

A - request.getParameterNames()

B - response.getParameterNames()

C - Header.getParameterNames()

D - None of the above.

Answer : A

Explaination

request.getParameterNames() returns an Enumeration of String objects containing the names of the parameters contained in this request.

Which is mandatory in <jsp:useBean /> tag?

a) id, class****

b) id, type

c) type, property

d) type,id

D10_Abhaya Pathak 43310 02/19 1:53 PM

_jspService() method of HttpJspPage class should not be overridden.

a) True

b) False

Answer: a

Explanation: _jspService() method is created by JSP container. Hence, it should not be overridden.

D10_Nikhil Mahajan_ 43389 02/19 2:28 PM

Which page directive should be used in JSP to generate a PDF page?

a) contentType

b) generatePdf

c) typePDF

d) contentPDF

Answer: a

Explanation: <%page contentType="application/pdf"> tag is used in JSP to generate PDF.

D10_Shubham Khatwate 43482 02/19 2:46 PM

Application is instance of which class?

a) javax.servlet.Application

b) javax.servlet.HttpContext

c) javax.servlet.Context

d) javax.servlet.ServletContext

Answer: d

D10 Komal Khot 43352 02/19 2:51 PM

Q.Which of the following are the valid scopes in JSP?

A. request, page, session, application

B. request, page, session, global

C. response, page, session, application

D. request, page, context, application

Answer: Option A

D10 Megha Visrani 43379 02/19 3:03 PM

What is the correct signature of _jspService() method of HttpJspPage class?

A - void _jspService(HTTPRequest request, HTTPResponse response)

B - void _jspService(HTTPRequest request, HTTPResponse response) throws ServletException, IOException

C - void _jspService()

D - void _jspService() throws ServletException, IOException

Answer : B

Explaination

Correct Signature is

void _jspService(HTTPRequest request, HTTPResponse response) throws ServletException, IOException

D10 Rutuja Mathakari 43378 02/19 5:43 PM

What programming language(s) or scripting language(s) does Java Server Pages (JSP) support?

a) VBScript only

b) Jscript only

c) Java only

d) All of the mentioned

D10_Shubham Jadhav_43247 02/19 5:45 PM

Which Error Handling in Java handles runtime errors with exceptions, If an exception is not caught in your JSP or Servlet, Resin will use a special error page to send results back to the browser, Resin uses a default error page unless you explicitly provide an error page yourself?

a. Client Request Time Processing Errors

b. Compilation Time Processing Errors

c. JSP Translation Time Processing Errors

d. None of the above

ANSWER: Client Request Time Processing Errors

Explanation:

No explanation is available for this question!

D10_harshitjain 43465 02/19 6:01 PM

Q. Which one is the correct order of phases in JSP life cycle?

a) Initialization, Cleanup, Compilation, Execution

b) Initialization, Compilation, Cleanup, Execution

c) Compilation, Initialization, Execution, Cleanup

d) Cleanup, Compilation, Initialization, Execution

Answer: c

Explanation: The correct order is Compilation, Initialization, Execution, Cleanup.

D10_Shivam Jagtap 43697 02/19 6:16 PM

Q.Which of the following are the valid scopes in JSP?

A. request, page, session, application

B. request, page, session, global

C. response, page, session, application

D. request, page, context, application

Answer: Option A

D10_Himanshu Gangil 43473 02/19 6:34 PM

How is the dynamic interception of requests and responses to transform the information done?

a) servlet container

b) servlet config

c) servlet context

d) servlet filter

Answer: d

Explanation: Servlet has various components like container, config, context, filter. Servlet filter provides the dynamic interception of requests and responses to transform the information.

Which option is true about session scope?

A. Objects are accessible only from the page in which they are created

B. Objects are accessible only from the pages which are in same session

C. Objects are accessible only from the pages which are processing the same request

D. Objects are accessible only from the pages which reside in same application

Answer: Option B

D10_Shubham Khatwate 43482 02/20 2:32 PM

Which of the following is not true about Java beans?

a) Implements java.io.Serializable interface

b) Extends java.io.Serializable class***

c) Provides no argument constructor

d) Provides setter and getter methods for its properties

D10_Shubham Jadhav_43247 02/20 2:38 PM

Java Beans are extremely secured?

a) True

b) False

Answer: b

Explanation: JavaBeans do not add any security features to the Java platform.

D10 Komal Khot 43352 02/20 2:38 PM

Q. Which component does the Entity bean represent the persistent data stored in the database?

a. Server-side component

b. Client-side component

c. server and client side component

d. None of the above

Ans: Server-side component

You 02/20 2:40 PM (Edited)

9. Which is not a directive?

a) include

b) page

c) export****

d) useBean

D10_harshitjain 43465 02/20 4:49 PM

Q.Which of the following is not a feature of Beans?

a) Introspection

b) Events

c) Persistence

d) Serialization

Answer: d

Explanation: Serialization is not the feature of Java Beans. Introspection, Customization, Events, Properties and Persistence are the features

D10_Himanshu Gangil 43473 02/20 4:50 PM

Java Beans are extremely secured?

a) True

b) False

Answer: b

Explanation: JavaBeans do not add any security features to the Java platform.

D10_Nikita Mane 43564 02/20 5:15 PM

"request" is instance of which one of the following classes?

a) Request

b) HttpRequest

c) HttpServletRequest

d) ServletRequest

View Answer

Answer: c

Dhanshree_Yadav - SunBeam - 201 02/20 6:07 PM

@all please post MCQs

D10_Shivam Jagtap 43697 02/20 6:07 PM

Q. Which component does the Entity bean represent the persistent data stored in the database?

a. Server-side component

b. Client-side component

c. server and client side component

d. None of the above

Ans: Server-side component

D10 Shamal Misal 43321 02/20 6:10 PM

Which of the following is correct error when loading JAR file with duplicate name?

a) java.io.NullPointerException

b) java.lang.ClassNotFound

c) java.lang.ClassFormatError

d) java.lang.DuplicateClassError

Answer: c

Explanation: java.lang.ClassFormatError: Duplicate Name error is thrown when .class file in the JAR contains a class whose class name is different from the expected name.

D10_Manasi_Pardeshi 43423 02/20 6:15 PM

What temporarily redirects response to the browser?

a) <jsp:forward>

b) <%@directive%>

c) response.sendRedirect(URL)

d) response.setRedirect(URL)

Ans: c

D10 Megha Visrani 43379 02/20 6:16 PM

What is media type of JSP?

 a) application/jsp

 b) text/javax

 c) java/jsp

 d) java/text

ANS: application/jsp

D10 Rutuja Mathakari 43378 02/20 6:27 PM

What will be output of the JSP code?${101 % 10}

A. 1

B. 10

C. 1001

D. 101 % 10

D10_Atharva Joshi_ 43558 02/20 6:28 PM

Java Beans are extremely secured?

a) True

b) False

Answer: b

Explanation: JavaBeans do not add any security features to the Java platform.

SessionFactory is a thread-safe object.

a) True****

b) False   SessionFactory is a thread-safe object. Multiple threads can access it simultaneously.

D10 Shamal Misal 43321 02/22 2:24 PM

Which of the following is not a core interface of Hibernate?

a) Configuration

b) Criteria

c) SessionManagement

d) Session

Answer: c

Explanation: SessionManagement is not a core interface of Hibernate. Configuration, Criteria, SessionFactory, Session, Query and Transaction are the core interfaces of Hibernate.

D10_Shubham Jadhav_43247 02/22 2:28 PM

In which file database table configuration is stored?

a) .dbm

b) .hbm

c) .ora

d) .sql

Answer: b

Explanation: Database table configuration is stored in .hbm file.

D10 Megha Visrani 43379 02/22 3:16 PM

What HQL stands for?

A - Hibernate Query Language

B - High Query Language

C - Hybrid Query Language

D - None of the above.

ANS : A

D10_Snehal Khuspe 43315 02/22 3:17 PM

Q. Which component does the Entity bean represent the persistent data stored in the database?

a. Server-side component

b. Client-side component

c. server and client side component

d. None of the above

Ans: Server-side component

D10_Abhaya Pathak 43310 02/22 3:24 PM

Which of the following is true about @Id annotation?

A - Hibernate detects that the @Id annotation is on a field.

B - Hibernate assumes that it should access properties on an object directly through fields at runtime.

C - Both of the above.

D - None of the above.

Answer : C

Explaination

Hibernate detects that the @Id annotation is on a field and assumes that it should access properties on an object directly through fields at runtime.

D10_Nikita Mane 43564 02/22 4:23 PM

What temporarily redirects response to the browser?

a) <jsp:forward>

b) <%@directive%>

c) response.sendRedirect(URL)

d) response.setRedirect(URL)

Answer: c

Explanation: response.sendRedirect(URL) directs response to the browser and creates a new request.

Which of the following is not an advantage of Hibernate Criteria API?

a) Allows to use aggregate functions

b) Cannot order the result set

c) Allows to fetch only selected columns of result

d) Can add conditions while fetching results

Answer: b

Explanation: addOrder() can be used for ordering the results.

D10_Manasi_Pardeshi 43423 02/23 2:41 PM

Which of the following is not a state of object in Hibernate?

a) Attached()

b) Detached()

c) Persistent()

d) Transient()

Answer: a

Explanation: Attached() is not a state of object in Hibernate. Detached(), Persistent() and Transient() are the only states in Hibernate.

D10_Shubham Khatwate 43482 02/23 2:42 PM

Which of the following is true about hibernate.dialect property in hibernate configuration?

A - This property makes Hibernate generate the appropriate SQL for the chosen database.***

B - This property makes Hibernate generate the appropriate java code for the chosen database.

C - Both of the above.

D - None of the above.

D10_Abhaya Pathak 43310 02/23 2:51 PM

Which of the following is true about Session object in hibernate?

A - A Session is used to get a physical connection with a database.

B - The Session object is lightweight.

C - Persistent objects are saved and retrieved through a Session object.

D - All of the above.

Answer : D

Explaination

A Session is used to get a physical connection with a database. The Session object is lightweight and designed to be instantiated each time an interaction is needed with the database. Persistent objects are saved and retrieved through a Session object.

D10 Manish Agrawal 43678 02/23 3:02 PM

Which of the following is not an advantage of using Hibernate Query Language?

a) Database independent

b) Easy to write query

c) No need to learn SQL

d) Difficult to implement

Answer: d

Explanation:
HQL is easy to implement. Also, to implement it HQL it is not dependent on a database platform.

D10_harshitjain 43465 02/23 4:11 PM

Q.Which of the following is not an inheritance mapping strategies?

a) Table per hierarchy

b) Table per concrete class

c) Table per subclass

d) Table per class

Answer: d

Explanation: Table per class is not an inheritance mapping strategies

Dhanshree_Yadav - SunBeam - 201 02/23 6:17 PM

@all others please post MCQs

D10_Nikita Mane 43564 02/23 9:08 PM

Which of the following methods hits database always?

a) load()

b) loadDatabase()

c) getDatabase()

d) get()

Answer :d

D10 Megha Visrani 43379 02/23 9:16 PM

Q. Which of the following option is not a state of object in Hibernate?

 a) Detached()

 b) Attached()

 c) Persistent()

 d) Transient()

ANS: b

D10 Sandesh Malvankar 43483 02/23 9:40 PM

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

Which of the following is true about Hibernate?

A - Hibernate is an Object-Relational Mapping(ORM) solution for JAVA.

B - Hibernate is an Object-Relational Mapping(ORM) solution for .NET

C - Both of the above.

D - None of the above.

Answer : A

Explaination

Hibernate is an Object-Relational Mapping(ORM) solution for JAVA.

D10_Adarsh Gawai_ 43551 02/24 1:47 PM

Q. Which component does the Entity bean represent the persistent data stored in the database?

a. Server-side component

b. Client-side component

c. server and client side component

d. None of the above

Ans: Server-side component

D10 Megha Visrani 43379 02/24 1:48 PM

Q. Which attribute of @OneToMany is used to mark an entity as owned?

A. cascade

B. mappedBy

C. propertyRef

D. None

Answer: Option B

What's true about the following @Entity association between House and Window?

```
@Entity

public class Window {

        @Id

        private int winNo;

        @ManyToOne

        private House aHouse;

}

@Entity

public class House {

        @Id

        private int houseNo;

        @OneToMany(mappedBy="aHouse")

        private List windows;

}
```

A. It's OneToMany unidirectional association

B. It's OneToMany bidirectional association

C. The association owner is the House class

D. The association owner is the Window class

Answer: B

D10_Himanshu Gangil 43473 02/24 3:26 PM

Which of the following is not a core interface of Hibernate?

a) Configuration

b) Criteria

c) SessionManagement

d) Session
Answer: c

Explanation: SessionManagement is not a core interface of Hibernate. Configuration, Criteria, SessionFactory, Session, Query and Transaction are the core interfaces of Hibernate.

D10_Shubham Khatwate 43482 02/24 3:29 PM

Which method is used to get a persistent instance from the datastore?

A - Session.read()

B - Session.get()

C - Session.retrieve()

D - Session.fetch()

Answer : B

Explaination:Session.get returns the persistent instance of the given named entity with the given identifier, or null if there is no such persistent instance.

D10_Abhaya Pathak 43310 02/24 3:30 PM

Which of the following method is used inside session only?

a) merge()

b) update()

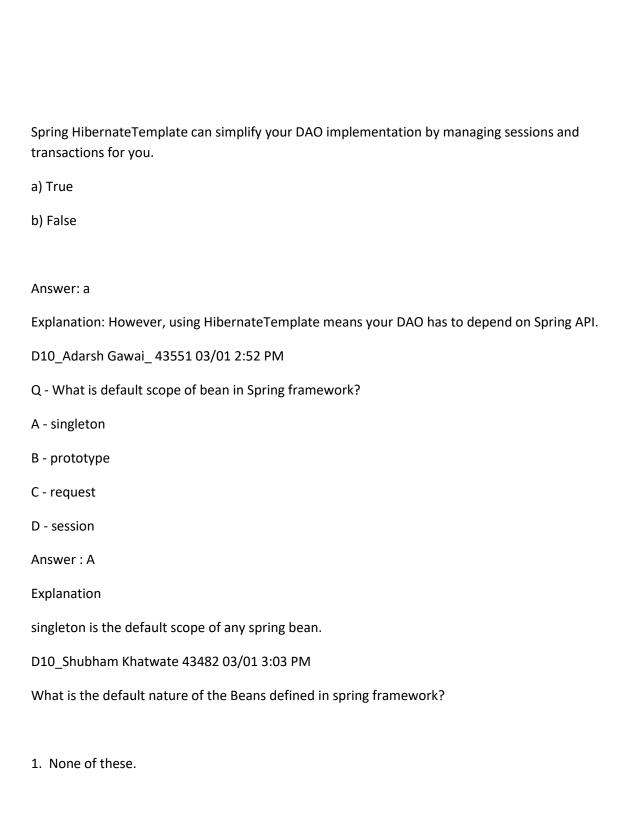c) end()

d) kill()

Answer: b

Explanation: update() method can only be used inside session. update() should be used if session does not contain persistent object.

D10_Nikita Mane 43564 02/24 3:35 PM

What does hibernate.hbm2ddl.auto create this means?

A. create tables automatically

B. create session object automatically

C. create Session Factory object automatically

D. None

Answer: Option A

Which of the following is true about hibernate annotations?

A - Hibernate Annotations is the powerful way to provide the metadata for the Object and Relational Table mapping.

B - All the metadata is clubbed into the POJO java file along with the code this helps the user to understand the table structure and POJO simultaneously during the development.

C - Both of the above.

D - None of the above.

Answer : A

Explaination

Hibernate Annotations is the powerful way to provide the metadata for the Object and Relational Table mapping. All the metadata is clubbed into the POJO java file along with the code this helps the user to understand the table structure and POJO simultaneously during the development.

D10_Shubham Khatwate 43482 02/25 3:16 PM

Which of these simplifies an Object Relational Mapping tool?

A. Data creation

B. Data manipulation

C. Data access

D. All mentioned above****

DAO methods require access to the session factory, which can be injected :-

a) a setter method

b) constructor argument

c) all of the mentioned

Answer: c

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.

D10_Abhaya Pathak 43310 02/26 2:34 PM

What is prototype scope?

A - This scopes a single bean definition to have any number of object instances.

B - This scopes the bean definition to a single instance per HTTP Request.

C - This scopes the bean definition to a single instance per HTTP Session.

D - This scopes the bean definition to a single instance per HTTP Application/ Global session.

Answer : A

Explanation

prototype scope allows Spring IoC container to create any number instances per IoC container.

D10_Shubham Khatwate 43482 02/26 2:50 PM

Which of the following is correct assertion about spring?

A - Spring enables developers to develop enterprise-class applications using POJOs.

B - Spring is organized in a modular fashion.

C - Testing an application written with spring is simple because environment-dependent code is moved into this framework.

D - All of above.****

What is Dependency Injection?

A - It is a design pattern which implements Inversion of Control for software applications.

B - It is one of the spring module.

C - It is a technique to get dependencies of any project.

D - It is used to promote tight coupling in code.

Answer : A

Explanation

Dependency Injection is a design pattern which implements Inversion of Control for software applications.

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.

D10_Adarsh Gawai_ 43551 03/01 2:52 PM

Q - What is default scope of bean in Spring framework?

A - singleton

B - prototype

C - request

D - session

Answer : A

Explanation

singleton is the default scope of any spring bean.

D10_Shubham Khatwate 43482 03/01 3:03 PM

What is the default nature of the Beans defined in spring framework?

1. None of these.

2. Initialized

3. Final

4. Singleton

5. Abstract

D10 Megha Visrani 43379 03/01 3:30 PM

What types of Dependency injection does spring supports?

A - Constructor based, Setter based

B - Constructor based, Setter based, Getter Based

C - Setter based, Getter based, Properties based

D - Constructor based, Setter based, Properties based

Answer : A

Explanation

Spring supports Constructor based, Setter based injections

D10_Nikhil Mahajan_ 43389 03/01 3:37 PM

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.

D10_Manasi_Pardeshi 43423 03/01 3:40 PM

Which are the IoC containers in Spring?

A) BeanFactory, ApplicationContext

B) BeanFactory, ApplicationContext, IocContextFactory

C) BeanFactory, BeanContext, IocContextFactory

D) BeanFactory, ApplicationContext, BeanContext

Answer: A

nnotation 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.

D10_Abhaya Pathak 43310 03/02 3:43 PM

To use the context injection approach, you can declare an entity manager field in your DAO and annotate it with the @PersistenceContext annotation.

a) True

b) False

Answer: a

Explanation: Spring will inject an entity manager into this field for you to persist your objects.

D10 Megha Visrani 43379 03/02 3:51 PM

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

ANS : c

D10_Snehal Khuspe 43315 03/02 3:59 PM

What types of Dependency injection does spring supports?

A - Constructor based, Setter based

B - Constructor based, Setter based, Getter Based

C - Setter based, Getter based, Properties based

D - Constructor based, Setter based, Properties based

Answer : A

Which of the following component of HTTP response contains metadata for the HTTP Response message as key-value pairs?

A - Status/Response Code

B - HTTP Version

C - Response Header

D - Response Body

Answer : C

Explanation

Response Header – Contains metadata for the HTTP Response message as key-value pairs. For example, content length, content type, response date, server type etc.

D10_Shubham Khatwate 43482 03/03 2:22 PM

Which of the statement is correct?

A - The JDBC module provides a JDBC-abstraction layer that removes the need to do tedious JDBC related coding.

B - The ORM module provides integration layers for popular object-relational mapping APIs, including JPA, JDO, Hibernate, and iBatis.

C - The Java Messaging Service JMS module contains features for producing and consuming messages.

D - All of the above.

D10_Abhaya Pathak 43310 03/03 2:31 PM

Publishing an application's data as a REST service requires.

a) @RequestMapping

b) @PathVariable

c) All of the mentioned

d) None of the mentioned

Answer: c

Explanation: Publishing an application's data as a REST service revolves around the use of the Spring MVC annotations @RequestMapping and @PathVariable.

D10 Megha Visrani 43379 03/03 3:11 PM

Which of the following HTTP method should be used to create/update resource using RESTful web service?

A - GET

B - DELETE

C - POST

D - OPTIONS

Answer : C

Explanation

POST opearations should be used to create/update resource using RESTful web service

You 03/03 3:14 PM

What is the built-in library in Spring Boot used to serialize objects to JSON format?

a) JsonFormatter

b) Jackson******

c) MessageConverter

d) Gson

D10 Rutuja Mathakari 43378 03/03 3:27 PM

How do you turn on annotation wiring?

A - Add <annotation-context:config /> to bean configuration.

B - Add <annotation-config /> to bean configuration.

C - Add <annotation-context-config /> to bean configuration.

D - Add <context:annotation-config/> to bean configuration.*****

D10_Adarsh Gawai_ 43551 03/03 3:41 PM

Which of the following is the main drawback of CGI?

(A) Interfacing with corporate infrastructure

(B) Dynamic web pages

(C) Resource Intensive

(D) Scalability

Ans: D

Scalability\

Annotation used to refer poincuts?

a) @Pointcut

b) @PointcutExecution

c) @PointcutBefore

d) None of the mentioned

Answer: a

Explanation: In an AspectJ aspect, a pointcut can be declared as a simple method with the @Pointcut annotation.

D10_Abhaya Pathak 43310 03/05 2:53 PM

Which of the following is advice supported by Aspect Annotation?

A. @Before   B. @After   C. @AfterReturning   D. All of the mentioned

Answer: Option D

Explanation:

AspectJ supports five types of advice annotations: @Before, @After, @AfterReturning, @AfterThrowing, and @Around.

You 03/05 2:55 PM

Pointcuts can be composed using:-

a) org.springframework.aop.support.Pointcuts class

b) composablePointcut class

c) all of the mentioned***

d) none of the mentioned

3. From the following list which two interfaces are belongs to javax.servlet.jsp package ?

1. JspPage

2. HttpJspPage

3. JspWriter

4. PageContext

Answers

1. 1 & 4

2. 1 & 3

3. 2 & 4

4. 3 & 4

5. 1 & 2*****

5. Which technology do we mix our business logic with the presentation logic?

Answers

1. Servlet*****

2. JSP

3. Both 1 & 2

4. None of the above

6. Which one is the default scope of the beans?

Answers

1. Prototype

2. Session

3. Request

4. Singleton*****

7. Attribute used to handle web flow requests.

Answers

1. servlet-mapping*****

2. servlet-attr

3. servlet-flow

4. servlet-requests

11. Which of the following configuration element is present in POM.xml?

Answers

1. developers

2. mailing list

3. Both of the above.*****

4. None of the above

12. Annotation which indicates a field cannot be a null.

Answers

1. @NotNULL

2. @NotNull*****

3. @NotEmply

4. All of the above

13. A field named validator is of type.

Answers

1. javax.validation.Validator*****

2. javax.validation.ValidatorFactory

3. javax.validation.ValidatorFactor

4. none of the mentioned

14. Tag which defined Spring AOP configurations?

Answers

1. aop:config*****

2. aop:configregister

3. aop:configbeans

4. None of the mentioned

15. Design pattern implemented by Dispatcher Servlet.

Answers

1. jsp

2. tiles

3. front controller*****

4. None of the mentioned

16. Which of the following Annotation for Controller Class?

Answers

1. @Before

2. @Controller*****

3. @After

4. @Exception

17. The @RequestMapping annotation can be applied to the class level only.

Answers

1. True

2. False*****

18. Which of these simplifies an Object Relational Mapping tool?

Answers

1. Data creation

2. Data manipulation

3. Data access

4. All mentioned above*****

19. Hibernate framework simplifies the development of java application to interact with the database

Answers

1. True*****

2. False

20. Which of the following is true about @GeneratedValue annotation?

Answers

1. @GeneratedValue annotation takes two parameters strategy and generator.

2. @GeneratedValue annotation provides the primary key generation strategy to be used.

3. Both of the above.*****

4. None of the above.

21. Which element of hbm.xml is used to map a Java class property to a column in the database table?

Answers

1. id

2. generator

3. property*****

4. class

22. Which of the following are tags of hibernate.cfg.xml?

Answers

1. SQL variant to generate

2. DTD

3. JDBC connection

4. All of these****

23. Which of the following is not a Session method?

Answers

1. Session.save()

2. Session.remove()****

3. Session.saveorupdate()

4. Session.persist()

24. Which of the following HTTP method should be idempotent in nature?

Answers

1. GET

2. PUT******

3. POST

4. HEAD

25. We can directly use Spring AOP for injection of beans

Answers

1. True

2. False*****

26. Which of the following is true about hibernate annotations?

Answers

1. Hibernate Annotations is the powerful way to provide the metadata for the Object and Relational Table mapping*******

2. All the metadata is clubbed into the POJO java file along with the code this helps the user to understand the table structure and POJO simultaneously during the development

3. Both of the above

4. None of the above

27. How many layers are available in Hibernate architecture?

Answers

1. 3

2. 4******

3. 5

4. 2

28. Which of the following is FALSE about Session in hibernate?

Answers

1. Session is a light weight non-threadsafe object

2. You can share the session between threads*******

3. Session represents a single unit-of-work with the database

4. Session is the primary interface for the persistence service

30. The QBC stands for

Answers

1. Query By Call

2. Query By Column

3. Query By Criteria******

4. Query By Code

31. What does the Session object hold?

Answers

1. First Level Cache******

2. Second Level Cache

3. Both A & B

4. None of the above

32. In the elements of Hibernate architecture is a factory of session and client of ConnectionProvider,It holds second level cache (optional) of data?

Answers

1. Connection Provider

2. Session

3. Session Factory*****

4. Transaction

33. How to pass information from JSP to included JSP?

Answers

1. Using <%jsp:param> tag.*****

2. Using <%jsp:page> tag.

3. Using <%jsp:import> tag.

4. Using <%jsp:useBean> tag.

34. JSP page perform request processing by calling _____ method ?

Answers

1. service method

2. jspService method

3. _jspService method

4. jsp_Service method

35. Which of the following aspects of a project can be managed using Maven?

Answers

1. Dependencies

2. SCMs

3. Releases

4. All of the above.*****

36. What is javax.servlet.http.HttpServlet?

Answers

1. Interface

2. Abstract class*****

3. Concreate class

4. None of the Above

37. Which element of hbm.xml automatically generate the primary key values?

Answers

1. id

2. generator****

3. primaryKey

4. None of the above.

38. What is aspect?

Answers

1. Aspect is a way to do the dependency injection.

2. A module which has a set of APIs providing cross-cutting requirements.*****

3. Aspect is used to log information of application.

4. Aspect represents properties of spring based application

39. Which is Stereo Type Annotations?

Answers

1. @Autowired

2. @Controller*****

3. @PreDestroy

4. @Qualifier

40. What is @Controller annotation?

Answers

1. The @Controller annotation indicates that a particular class serves the role of a controller.*****

2. The @Controller annotation indicates how to control the transaction management.

3. The @Controller annotation indicates how to control the dependency injection.

4. The @Controller annotation indicates how to control the aspect programming.