

AJP TEST

Total points 18/40 ?

Time-1hr ,40 questions

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CENTER *

- ☐ JUHU
- ☒ KHARGHAR

✓ Which of the following statements is true regarding the scope of 'request' 1/1 in JSP?

- ☒ D. All of the above ✓
- ☐ C. References to objects with request scope are stored in the request object
- ☐ B. All references to the object shall be released after the request is processed; in particular, if the request is forwarded to a resource in the same run time, the object is still reachable
- ☐ A. Option 1 Objects with request scope are accessible from pages processing the same request where they were created



✗ What is the correct syntax for annotation wiring?

0/1

- ☐ <annotation-context:config /> to bean configuration.
- ☐ <annotation-config /> to bean configuration.
- ☒ <annotation-context-config /> to bean configuration. ✗
- ☐ <context:annotation-config/> to bean configuration.

Correct answer

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

✗ Beans can be created by which of the following properties?

0/1

- ☐ Scope
- ☐ Property
- ☒ Class ✗
- ☐ It's own constructor

Correct answer

- ☒ It's own constructor

✓ A bean can have more than one name using multiple id attributes?

1/1

- ☒ True ✓
- ☐ False



✓ The annotations must be added to the implementation class but not the interface 1/1

☒ True



☐ False

✓ Attribute used to handle web flow requests. 1/1

☒ servlet-mapping



☐ servlet-attr

☐ servlet-flow

☐ servlet-requests1

✓ . Which HTTP method is not considered as idempotent? 1/1

☐ Get

☐ post

☒ Put



☐ Head



✗ . Which method is used by servlet to handle form data from a client?

0/1

- ☐ HttpServlet.doPost()
- ☐ HttpServlet.doPut()
- ☒ HttpServlet.doHead()
- ☐ ServletRequest.doGet()

✗

Correct answer

- ☒ HttpServlet.doPost()

✗ . Which types define the methods `getAttribute()` and `setAttribute()`?

0/1

- ☐ HttpSession
- ☐ ServletContext
- ☐ ServletRequest
- ☒ All of the above

✗

Correct answer

- ☒ ServletRequest

✓ . _____ bean can have persistent relationship with other entity beans.

1/1

- ☐ CMP
- ☒ Entity
- ☐ BMP
- ☐ Message-driven beans

✓



✓ SessionFactory is a thread-safe object.

1/1

☒ True



☐ false

✓ Which of the following methods hits database always?

1/1

☐ load()

☐ loadDatabase()

☐ getDatabase()

☒ get()



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

0/1

☐ Allows to use aggregate functions

☐ Cannot order the result set

☒ Allows to fetch only selected columns of result



☐ Can add conditions while fetching results

Correct answer

☒ Cannot order the result set



✓ Spring HibernateTemplate can simplify your DAO implementation by managing sessions and transactions for you.

1/1

☒ True



☐ False

✓ Sessionfactory can manage contextual sessions for you and allows you to retrieve them by the:- 1/1

☐ getSession() method

☐ getCurrent() method

☒ getCurrentSession() method



☐ none of the mentioned

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

1/1

☐ a setter method

☐ constructor argument

☐ none of the mentioned

☒ all of the mentioned



✗ Spring provides to simplify your DAO implementation by managing entitymanagers and transactions for you:-

0/1

- ☒ HibernateTemplate
- ☐ JpaTemplate
- ☐ SpringTemplate
- ☐ None of the mentioned

✗

Correct answer

- ☒ JpaTemplate

✓ You can assign a component name in this annotation and have the session factory autowired by the Spring IoC container with @Autowired.

1/1

- ☒ True
- ☐ False

✓

✗ A set of persistent annotations for you to define mapping metadata.

0/1

- ☐ JPA
- ☐ JSR
- ☒ XML
- ☐ None of the mentioned

✗

Correct answer

- ☒ JPA



✗ Each entity class to be persisted by an ORM framework, a default constructor with no argument is required.

0/1

- ☐ True
- ☒ False

✗

Correct answer

- ☒ True

✗ What are the major components of the JDBC?

0/1

- ☐ DriverManager, Driver, Connection, Statement, and ResultSet
- ☐ DriverManager, Driver, Connection, and Statement
- ☐ DriverManager, Statement, and ResultSet
- ☒ DriverManager, Connection, Statement, and ResultSet

✗

Correct answer

- ☒ DriverManager, Driver, Connection, Statement, and ResultSet

✓ Which of the following method is used to perform DML statements in JDBC?

1/1

- ☐ executeResult()
- ☐ executeQuery()
- ☒ executeUpdate()
- ☐ execute()

✓



✗ Which methods are required to load a database driver in JDBC?

0/1

- ☒ getConnection()
- ☐ registerDriver()
- ☐ forName()
- ☐ Both b and c

✗

Correct answer

- ☒ Both b and c

✗ JDBC API supports_____ and _____ architecture model for accessing the database.

0/1

- ☐ Two-tier
- ☒ Three-tier
- ☐ Both a and b
- ☐ Only b

✗

Correct answer

- ☒ Both a and b



✗ Which of the following is not a jsp directive?

0/1

- ☐ include
- ☐ page
- ☐ scriptlet
- ☒ useBean

✗

Correct answer

- ☒ scriptlet

✗ How many JDBC driver types does Sun define?

0/1

- ☐ One
- ☒ Two
- ☐ Three
- ☐ Four

✗

Correct answer

- ☒ Four



✗ The difference between Servlets and JSP is the

0/1

- ☐ A.translation
- ☐ B. compilation
- ☐ C. syntax
- ☒ D.Both A and B

✗

Correct answer

- ☒ C. syntax

✗ Which option is true about session scope?

0/1

- ☐ 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 ✗

Correct answer

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



✗ The method forward(request, response) will

0/1

- ☐ A. return back to the same method from where the forward was invoked
- ☒ B. not return back to the same method from where the forward was invoked and ✗ the web pages navigation continues
- ☐ C. Both A and B are correct
- ☐ D. None of the above

Correct answer

- ☒ A. return back to the same method from where the forward was invoked

✓ JSP includes a mechanism for defining or custom tags. 1/1

- ☐ A. static attributes
- ☐ B. local attributes
- ☒ C. dynamic attributes
- ☐ D. global attributes

✓

✓ Why DB connections are not written directly in JSPs?

1/1

- ☐ A.. Response is slow
- ☐ B. Not a standard J2EE architecture
- ☐ C. Load Balancing is not possible
- ☒ D. Both B and C
- ☐ Other:

✓



✗ How many jsp implicit objects are there and these objects are created by the web container that are available to all the jsp pages? 0/1

- ☒ A. 8
- ☐ B. 9
- ☐ C. 10
- ☐ D. 7

✗

Correct answer

- ☒ B. 9

✓ Why use Request Dispatcher to forward a request to another resource, instead of using a sendRedirect? 1/1

- ☐ A. Redirects are no longer supported in the current servlet API
- ☐ B. Redirects are not a cross-platform portable mechanism
- ☐ C. The RequestDispatcher does not use the reflection API
- ☒ D. The RequestDispatcher does not require a round trip to the client, and thus is more efficient and allows the server to maintain request state ✓



✗ Which attribute specifies a JSP page that should process any exceptions thrown but not caught in the current page? 0/1

- ☐ A. The ErrorPage Attribute
- ☒ B. The IsErrorPage Attribute
- ☐ C. Both A & B
- ☐ D. None of the above

✗

Correct answer

- ☒ A. The ErrorPage Attribute

✗ JDBC is a interface, which means that it is used to invoke SQL commands directly 0/1

- ☐ A. low-level
- ☒ B. middle-level
- ☐ C. higher-level
- ☐ D. user

✗

Correct answer

- ☒ A. low-level



✓ What is JDBC?

1/1

- ☐ A. java compiler
- ☒ B. Java API
- ☐ C. Java interpreter
- ☐ D. Both A and B

✓

✗ . Dynamic interception of requests and responses to transform the information is done by

0/1

- ☐ A. servlet container
- ☒ B. servlet config
- ☐ C. servlet context
- ☐ D. servlet filter

✗

Correct answer

- ☒ D. servlet filter



✗ This is a software distribution model in which applications are hosted by a vendor or service provider and made available to customers over a network, typically the Internet. 0/1

- ☒ A. Platform as a Service (PaaS)
- ☐ B. Infrastructure as a Service (IaaS)
- ☐ C. Software as a Service (SaaS)
- ☐ D. None

✗

Correct answer

- ☒ C. Software as a Service (SaaS)

✗ What is the initial contact point for handling a web request in a Page-Centric architecture? 0/1

- ☐ A. A JSP page
- ☒ B. A JavaBean
- ☐ C. A servlet
- ☐ D. A session manager

✗

Correct answer

- ☒ A. A JSP page



✓ How to send data in get method?

1/1

- ☐ A. We can't
- ☒ B. Through url
- ☐ C. Through payload
- ☐ D. None of these



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