Q.41) How to package and deploy web application in j2ee?

A: jar

B: ear

**C: war**

D: rar

Q.42) What is the role of J2EE container in web application?

A: It provide the life-cycle.

B: It compiles the JSP.

C: Loads the classes of the JSP and servlet.

**D: All of the above.**

Q.43) When driver is not found, it results in

A: DriverNotFoundException

**B: CIassNotfoundException**

C: SQLException

D: None of the above.

Q.44) Connection is

**A: interface**

B: class

C: package

D: None of the above.

Q.45) According to JDBC4, driver class name should be there inside

A: META-INF\java.sql.Driver file

B: 8ervices\java.sql.Driver file

C: Services\META-INF\java.sql.Driver file

**D: META-INF\services\java.sql.Driver file**

Q.46) If we use query statement inside "execute()" method of Statement, it will return

A: FALSE

**B: TRUE**

C: 1

D: 0

Q.47) Depending upon the events on servlet we can specify the following levels\_\_\_\_\_\_\_\_\_\_\_\_\_.

A: Request level events

B: ServletContext level events

C: Only A

**D: Both A and B**

Q.48) An \_\_\_\_\_\_\_\_\_\_ object always represents a client's HTTP request

A: ClientRequest

B: HttpServlet

**C: HttpServletRequest**

D: javax.servlet..http.HttpSession

Q.49) Which of the following is NOT an advantage of using the Session Facade pattern?

A: Hides model complexity from the client

B: Reduces network traffic

C: Provides a simple interface to the client

**D: Enables the client to control transactions**

Q.50) You want to use URL rewriting to support client browsers, which do not use cookies. Which method will you use to attach the session id to a URL that is to be used for the sendRedirect() method of the HttpServletResponse?

A: encodeURL

**B: encodeRedirectURL**

C: encodeSessionURL

D: encodeSessionRedirectURL

Q.51) RMI objects are stored as

A: DLL

B: EXE

**C: Bytecodes**

D: None of the above

Q.52) The \_\_\_\_\_\_\_ layer is responsible for handling the actual machine to machine communication

A: Remote reference

B: Application

C: Stub and Skeleton

**D: Transport**

Q.53) How can we enable session tracking for JSP pages

A: Enable cookies in the browser

**B: set session attribute value is true in page directive**

C: set is Session attribute true in page directive

D: Enable session tracking in the browser

Q.54) What is the effect of executing the following JSP statement, assuming a class with name Employee exists in classes package.

<%@ page import = "classes.Employee" %>

<jsp:useBean id="employee" class="classes.Employee" scope="session"/>

<jsp:setPropertv name="employee" property="\*"/>

A: The code does not compile as there is no properly attribute of setProperty tag.

B: The code does not compile as property attribute cannot take \* as a value.

C: The code sets value of all properties of employee bean to "\*".

**D: The code sets the values of all properties of employee bean to matching parameters in request object.**

Q.55) If a JSP page overrides the jsplnit() method using a declaration JSP tag, which phase of the JSP page life-cycle generates the overridden method in the servlet?

**A: page translation.**

B: JSP page compilation.

C: call jsplnit()

D: call\_jspService().

Q.56) You are building the server side of an application and you are finalizing the interfaces that you will provide to the presentation layer. However, you have not yet finalized the access details of the business services. Which design pattern should you use to mitigate this concern?

A: Model-View-Controller

B: Data Access Object

**C: Business Delegate**

D: Facade

Q.57) What is the root tag element in the hibernate configuration file?

A: <hibernate-cfg>

B: <hibernate-conf>

**C: <hibemate-configuration>**

D: <hibemate>

Q.58) Once the hibernate session is closed, in which state the object remains?

**A: detached**

B: transient

C: pesistent

D: garbage collector

Q.59) Controller component in struts 2 is

**A: filter**

B: sewlet

C: jsp

D: None of the above.

Q.60) To read value from the value stack we need to use

A: SQL

B: PU/SQL

**C: OGNL**

D: None of the above.

Q.61) Which statement is wrong?

**A: HQL is case insensitive for class names and properties**

B: SQL operates on relations, HQL operates on objects.

C: HQL is ultimately generated into underlying SQL.

D: HQL supports polymorphic queries.

Q.63) Interceptor does \_\_\_\_\_\_\_\_\_\_&\_\_\_\_\_\_\_\_processing of request and invokes the action classes.

A: pre, post

**B: before, after**

C: get, post

D: None of the above

Q.65) An EJB is required to perform credit card verification. All necessary information such as card number and amount will be supplied as parameters to a single business method invocation that processes the verification. Assuming that performance is critical, which bean type BEST suits the requirement?

A: Stateful Session Bean.

**B: Stateless Session Bean.**

C: Message Driven Bean.

D: Entity Bean.

Q.66) A JMS message producer is created by a \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**A: session**

B: connection

C: destination

D: factory

Q.67) Which of the following method is not used to reterive request parameters

A: getParameterNames()

B: getParameter()

**C: getParameterVaIue()**

D: None of the Above

Q.68) The stateless session bean does not have the following methods

A: ejbActivate

B: ejbPassivate

**C: Both of the above**

D: None of the above

Q.69) Which interceptor is used for internationalization in struts?

A: struts.custom.i17n.resources

B: struts.custom.i18n

**C: struts.custom.i18n.resources**

D: struts.i18n.custom.resources

Q.70) Default Interceptors of struts 2 are

**A: ConversionError, ModelDriven, jsonValidationparams**

B: ModelDriven, jsonvalidation, ParameterDriven

C: ConversionError, ParameterDriven, roleDriven

D: ConversionError, roleDriven, jsonValidation, params

Q.71) What is the Key strategy of Spring framework?

A: Application development in POJO style.

B: Loose coupling through Dl.

C: Declarative programming using AOP

**D: All of the above.**

Q.73) When we integrate Hibernate via spring we don‘t need to take care of.

A: SessionFactory

B: Session

**C: Both a and b. ( since there is something called as “HibernateTemplate” in spring)**

D: None of the above.

Q.76) Given

<jsp:useBean id="a1" scope="request"class="mypack.Customer"./>

What is the syntax to read Customer object?

A: ${requestScope.a1}

B: <%=request.getAttribute("a1")%>

C: ${a1}

**D: All the above**

Q.77) \_\_\_\_\_\_\_\_\_ method is the only method in the JMS message listener interface which accepts messages that can represent a byte message, object message, text message.

A: getMessage

B: setMessage

C: joinMessage

**D: onMessage**

Q.78) Message Driven Beans (MDBs) are designed to function as:

A: Synchronous message publisher

B: Synchronous message consumer

C: Asynchronous message publisher

**D: Asynchronous message consumer**

Q.79) Which of these packaging options of enterprise beans are recommended for most J2EE applications?

A: Package each enterprise bean for an application in its own EJB module

B: Package all enterprise beans for an application in one EJB module

**C: Package all related enterprise beans for an application in one EJB module**

D: None of these

**Explanation:**

*Packaging each enterprise bean in its own EJB module promotes the reusability of the beans. However, we need to assign references from a bean in one module to related beans in another modules. This increases complexity. Thus, choice A is incorrect. Choice B is the simplest to implement. The application assembler does not have to specify references to the enterprise beans present in this EJB module as unresolved. However, this reduces the reusability of the beans.*

*The third option is more modular and thus is recommended for most J2EE applications. It strikes the right balance between maximum reusability and maximum simplicity. The advantage of the third option arises when a J2EE server deploys each EJB module on a separate Java virtual machine for load balancing. In such cases, the third option is most efficient since it groups closely-coupled enterprise beans together, allowing many remote calls to be optimized to local calls. Another advantage of choice C is that it promotes reusability at the functional level rather than at the enterprise bean level. So, choice D is incorrect.*

Q.80) When the ejbRemove method encounters a system problem ,it should throw \_\_\_\_\_\_\_\_\_\_\_

A: javax.ejb.NoSuchEntityException

**B: java.ejb.EJBException**

C: java.ejb.RemoveException

D: javax.ejb.DuplicateKeyException.