

Exam : 1z0-900

Title : Java EE 7 Application Developer

Vendor : Oracle

Version : V12.75

//

NO.1 What is true about Message-Driven Beans (MDBs)?

- A. MDBs can participate in transactions.
- B. MDBs are invoked synchronously.
- C. Each MDBs can process messages only from a single client.
- D. MDBs retain data caches between client calls.

Answer: A**NO.2** Given the code fragment:

```
protected void service(HttpServletRequest req, HttpServletResponse res)
    throws ServletException, IOException {
    PrintWriter out = res.getWriter();
    out.print("Service() method called.");

protected void doGet(HttpServletRequest req, HttpServletResponse res)
    throws ServletException, IOException {
    PrintWriter out = res.getWriter();
    out.print("Get() method called.");
```

What output will be returned when this servlet is called a GET request?

- A. Service() method called.
- B. Service() method called.Get() method called.
- C. An HTTP error
- D. GET() method called.

Answer: A**NO.3** You created two filters for your web application by using the @WebFilter annotation, one for authorization and the other for narrowing results by the provided search criteria. The authorization filter must be invoked first.

How can you specify this?

- A. setting the priority attribute of the @WebFilter annotation for each of the filters
- B. placing the filter mapping elements in the required order in the web.xml deployment descriptor
- C. placing @WebFilterMapping annotations in the required order
- D. specifying the filter precedence order by using the @Priority annotation

Answer: A ~~B~~**NO.4** Your client has not been managing Supply Request Exceptions on a regular basis.

What issue does this cause?

- A. No issues would be caused; these are just warnings.
- B. After the errors reach a set threshold in profile options, no new supply requests can be created.
- C. If exceptions are not resolved within a set threshold days, it alerts the manager and continues to escalate up the Supply Request Exception Chain.
- D. The request will be denied automatically if not resolved within two days.

Answer: C**NO.5** Which two tasks must be defined to set up the Facilities Schedule? (Choose two.)

- A.** Manage Facility Workday Patterns
- B.** Manage Facility Operations
- C.** Manage Facility Holidays
- D.** Manage Facility Time Cards
- E.** Manage Facility Shifts

Answer: A E**NO.6** A Persistence application locks entity x with a LockModeType.PESSIMISTIC_READ lock type.

Which statement is true?

- A.** LockModeType.PESSIMISTIC_READ is the synonym of LockModeType.READ
- B.** This operation will force serialization among transactions attempting to read the entity data.
- C.** This operation will result in a TransactionRolledbackException if the lock cannot be obtained.
- D.** If the application updates the entity later, and the changes are flushed to the database, the lock will be converted to an exclusive lock.

Answer: B D**NO.7** Which two approaches would result in the current date being added to the output of a JSP?

(Choose two.)

- A.** <%= out.println(new java.util.Date()) %>
- B.** <% out.println(new java.util.Date()); %>
- C.** <%= new java.util.Date() %>
- D.** <% System.out.println(new java.util.Date()); %>

Answer: A C B . C**NO.8** Given a JSL document describing a batch job:

```

<job id="ProductLoadJob"
  xmlns="http://xmlns.jcp.org/xml/ns/javaee version="1.0">
  <step id="ProcessProduct">
    <chunk item-count="10">
      <reader ref="ProductReader"/>
      <processor ref="ProductProcessor"/>
      <writer ref="ProductWriter"/>
    </chunk>
  </step>
</job>

```

How do you initiate a batch job?

- A.** Get the JobExecution object from BatchRuntime and call its start() method.
- B.** Get the JobExecution object from BatchRuntime and set its status to JobStatus.INITIATED.

C. Get the JobOperator object from BatchRuntime and call its start() method.

D. Call BatchRunTime.initialize("ProductLoadJob");

Answer: A C

NO.9 On the Supply Lines Overview page, the deviations in supply type chart show a supply line status of exception.

What action must you take?

A. This indicates that supply line quantities are available but the quality is not up to the mark, so the quality issue must be resolved.

B. The indicates that supply line has an exception in manufacturing goods, so the supply line must be changed.

C. This indicates that supply line quantities are less than required, so additional quantities must be procured to meet the requirement.

D. This indicates that supply line quantities are not available, so inventory must be procured.

Answer: C

NO.10 Your customer has a complex financial reporting structure.

Which three elements should you define first in order to form a basis for this reporting?

A. Tax, Legal, and Industry

B. Managerial, Operational, and Industry

C. Legal, Managerial, and Functional

D. Legal, Autonomy, and Operational

Answer: C

NO.11 Which action invokes supply chain orchestration and transfer of data to supply chain orchestration Interface tables?

A. creating Purchase Order Receipt

B. running a scheduled process called "Create Transactions"

C. running Min-Max Planning

D. creating a new Inventory Organization for execution of supply chain orchestration

Answer: C

NO.12 How can you inject a target web service into an EJB?

A. Define service as an injectable resource by using the <resource-ref> declaration.

B. Use a HandlerChain.

C. Use a java.xml.ws.WebServiceRef annotation.

D. Use a java.xml.ws.WebServiceContext annotation.

Answer: A C

NO.13 Which three applications originate a buy request that is received by supply chain orchestration?

A. Purchasing

B. Inventory

- C. Order Management
- D. Planning
- E. Self Service Procurement
- F. Accounts Payable

Answer: B C D

NO.14 Given the code fragment:

```
@Path ("Employees")
public class EmployeesResource {
    @Inject private EmployeeManager em;
    @Get
    @Path("{id:[A-Z] [0-9]+}")
    public Employee getEmployee(@PathParam("id") String id) {
        return em.findEmployee(id);
    }
}
```

Which URL triggers the invocation of the getEmployee () method?

- A. <base url>/Employees/89724
- B. <base url>/Employees/J6349
- C. <base url>/Employees/id:a7280
- D. <base url>/Employees/id/J6349

Answer: B

NO.15 Which of these can be a JPA entity?

- A. Enum type
- B. Abstract class
- C. Interface type
- D. Final class

Answer: A

NO.16 While performing the task "Create Chart of Accounts, Ledger, Legal Entities, and Business Units in Spreadsheet Task", you mentioned that the legal entity country is the United States of America.

What will be the functional currency of the ledger you are defining?

- A. The system will ask the user to provide functional currency at the time of uploading the spreadsheet if it is not provided in the first place.
- B. The system will automatically pick "USD" as functional currency from the legal entity country.
- C. The system will pick the first available currency from the list of Values.
- D. It is mandatory to provide functional currency, because ledger cannot be defined without functional currency. The system will throw an error upon processing.
- E. It is mandatory to provide functional currency because ledger cannot be defined without

functional currency. The system will throw an error upon upload of the spreadsheet because all required fields are not populated.

Answer: B

NO.17 Your customer has defined three business units: two of them require the same set of receivables payment terms whereas the third needs a separate set of receivables payment terms. How will you receive this requirement?

- A. Define one data set with common payment terms and exclude the payment terms feature from the third business unit.
- B. Define one reference data set and modify the business unit security.
- C. Define two reference data sets, assign the first set to the two business units which will share the same payment terms and second set to the business unit which need separate payment terms.
- D. Define three reference data sets and assign each data set to each business unit.

Answer: C

NO.18 Given the code fragment:

```
public class Bean {
}

@SessionScoped
public class Service {
    @Inject
    private Bean bean;
}
```

Assuming this bean is used only in the code fragment above, how long will the injected Bean instance be available?

- A. for the lifetime of the enterprise application
- B. for the lifetime of the request
- C. for the lifetime of the session
- D. for the lifetime of the Service object

Answer: D

NO.19 Which three values are applicable for the profile option - "Transaction Processing Mode" for subinventory transfer and interorganization transfer?

- A. Background Processing
- B. Sequential Processing
- C. Concurrent Processing
- D. Online Processing
- E. Offline Processing
- F. Blind Processing

Answer: A C D

NO.20 Identify three statements that are true about reservations in back-to-back processing.

- A. Partial fulfillment of reservations is supported.
- B. Changes to reservation in Oracle Logistics Cloud leads to exceptions, which are displayed in the Supply Chain Orchestration work area.
- C. Reservations cannot be created for back-to-back On Hand supply orders.
- D. One reservation is created for a demand and supply.
- E. Reservation supplies that can be reserved are Purchase Orders, Transfer Orders, Work Orders, and On Hand inventory.

Answer: B D E

NO.21 Given:

```
@Singleton
public class MySessionBean {
    // line 1
    public void callMethod() {
        // implementation logic
    }
    //Constructor and other business methods
}
```

Which annotation do you use on line 1 to ensure that clients immediately time out when attempting to concurrently invoke callMethod () while another client is already accessing the bean?

- A. @AccessTimeout (value = 1, unit = TimeUnit.SECONDS)
- B. @AccessTimeout (null)
- C. @AccessTimeout (-1)
- D. @AccessTimeout (0)

Answer: D

NO.22 Your customer wants to transfer material from facility A to facility B.

They are using the interorganization transfer to perform the transaction in the system. Their requirement is "whenever material is transferred from their facility A to facility B, facility B needs to pay 5% additional amount to the current item cost".

Which task must be set up to accomplish this requirement?

- A. Manage Interorganization Markup
- B. Manage Transfer Pricing Rules
- C. Manage Cost Plus Pricing
- D. Manage Cost Organization Relationships
- E. Manage Organization Relationships

Answer: D

NO.23 The Applications Development Framework Desktop Integration (ADFDI) user interface is supported in Oracle Fusion Receiving, Inventory Management, and Shipping products.

Identify four ADFdi user interfaces that are supported.

- A. Upload ASN or ASN**
- B. Manage Lot/Serial Interface**
- C. Manage Inventory Transaction Correction in Spreadsheet**
- D. Review Receipts Interface**
- E. Review Count Interface Records**
- F. Manage Shipment Message Interface**

Answer: B C D F

NO.24 Your customer is setting up serial control. The requirement is that if item A has serial 123, then they don't want item B to also have serial 123 within the same inventory organization. Which serial control setting must be used to meet this requirement?

- A. Unique across Enterprise**
- B. Unique within items**
- C. Unique within organization**
- D. Unique across organizations**
- E. Unique within Item and organization**

Answer: C

NO.25 Give the code fragment:

```

1: @Stateless
2:
3: public class Warehouse {
4:     public void sendConfirmation(String msg) {}
5:     public String reverve(Product pro) {}
6: }
7:

```

And the code fragment:

```

8: @Stateless
9:
10: public class Shop {
11:     @EJB private Warehouse war;
12:
13:     public void purchase(Product pro) {
14:         String confirmationCode = war.reserve(pro);
15:         war.sendConfirmation(confirmationCode);
16:     }
17: }

```

The sendConfirmation() and reserve() methods should be executed in the same transactional context

Which transaction attributes do you ensure this?

- A.** Add annotations:@TransactionAttribute (TransactionAttributeType.REQUIRES_NEW) at line 2,@Transactional at line 9 and@TransactionAttribute ((TransactionAttributeType.MANDATORY) at line 12
- B.** No additional annotations are required.
- C.** Add annotations:@TransactionAttribute (TransactionAttributeType.REQUIRED) at line 2,@Transactional at line 9 and@TransactionAttribute ((TransactionAttributeType.REQUIRES_NEW) at line 12
- D.** Add annotations:@TransactionAttribute (TransactionAttributeType.MANDATORY) at line 2,@Transactional at line 9 and@TransactionAttribute ((TransactionAttributeType.REQUIRES_NEW) at line 12

Answer: D C

NO.26 Which three statements are true for an expense destination transfers that does NOT require a receipt at destination inventory organization?

- A.** There is no cost associated to the transaction.
- B.** There is no put away transaction in Inventory since the item is expensed.
- C.** A receipt is required on interorganization expense destination transfer orders between the from and to organizations.
- D.** The transfer order is considered received and delivered at the time of shipment.
- E.** The destination inventory is not incremented.

Answer: A B E

NO.27 Given an HttpServletRequest request and an EJB SessionContext ctx.

Which is a valid way to retrieve the Principal invoking either behavior?

- A.** request.getCallerPrincipal() and ctx.getCallerPrincipal()
- B.** request.getUserPrincipal() and ctx.getUserPrincipal()
- C.** request.getCallerPrincipal() and ctx.getUserPrincipal()
- D.** request.getUserPrincipal() and ctx.getCallerPrincipal()

Answer: A D

NO.28 A user is performing a material return transaction against access stock in an Inventory organization; however, the user fails to select the Physical Material Return Required check box. What happens?

- A.** It is considered as accounting-only return.
- B.** Stock is reserved.
- C.** A transfer order line remains open.
- D.** Shipment lines are created.

Answer: A

NO.29 Your company is an automobile spares manufacturing organization, which follows a discrete process. It has its own manufacturing and distribution centers located globally. It has these business units:

US - USA business unit
 CAN - Canadian business unit
 UK - UK business unit
 MX - Mexican business unit
 IND - India business unit
 SPA - Spain business unit
 FRA - France business unit
 NL - Netherlands business unit
 GER - Germany business unit

These are the inventory organizations that exist in each business unit:

Inventory Org - business unit

GM	(Master Org)	-	US
US1	(Child Org)	-	US
US2	(Child Org)	-	US
CA1	(Child Org)	-	CAN
MX1	(Child Org)	-	MX
IN1	(Child Org)	-	IND
SP1	(Child Org)	-	SPA
FR1	(Child Org)	-	FRA
NL1	(Child Org)	-	NL
DE1	(Child Org)	-	GER

Which two statements are true?

- A. All inventory organizations do not need to be in the same business unit to assign items.
- B. Item organizations are also supported to serve as inventory organizations.
- C. Items cannot be assigned to inventory organizations across business units.
- D. Items defined in the GM organization can be assigned to US1, US2, NL1, and MX1 inventory organizations.
- E. Operational Attributes can be controlled only at the Master Level.
- F. You can define an item in the IN1 inventory organization and assign it to the DE1 inventory organization.

Answer: A D

~~NO.30~~ Which two options constitute the rights and responsibilities of a legal Entity?

- A. Account for themselves to regulations, taxation authorities, and owners according to rules specified in the relevant legislation
- B. Facilitate resource allocation
- C. Manage warehouses
- D. Create opportunities for new business
- E. Own property

Answer: A E

NO.31 Material is transferred between the Subinventories within an organization via transfer order. The setup is complete and the transfer order is created though the FBDI process. What is the primary interface data that needs to be completed in the template?

- A. CST_I_INCOMING_TXN_COSTS
- B. INV_SUBINVENTORY_TRANSFER
- C. INV_TRANSACTION_LOTS_INTERFACE
- D. INV_SERIAL_NUMBERS_INTERFACE
- E. INV_TRANSACTIONS_INTERFACE

Answer: E

NO.32 Given the code fragment from a Facelet page:

```
<ui:composition xmlns="http://www.w3.org/1999/xhtml"
    xmlns:h="http://xmlns.jcp.org/jsf/html"
    xmlns:pt="http://xmlns.jcp.org/jsf/passthrough"
    xmlns:f="http://xmlns.jcp.org/jsf/core"
    xmlns:jsf="http://xmlns.jcp.org/jsf"
    xmlns:ui="http://java.sun.com/jsf/facelets">
    <h:form id="searchForm">
        <!-- Line 1 -->
        <h:commandButton value="Search"
            action="#{searchMB.search}"/>
    </h:form>
</ui:composition>
```

On Line 1, you are asked to insert a search box that displays the text "Search Here" via a placeholder. Assume searchMB is a valid Managed Bean.

Which two options enable you to create a search box with a placeholder attribute on Line 1? (Choose two.)

- A. <h:inputText value="#{searchMB.query}"><f:param name="placeholder" value="Search Here"/></h:inputText>
- B. <h:inputText value="#{searchMB.query}" placeholder="Search here"/>
- C. <input jsf:id="search" placeholder="Search here" jsf:value="#{searchMB.query}"></input>
- D. <h:inputText pt:placeholder="Search Here" value="#{searchMB.query}">/>
- E. <input id="search" jsf:placeholder="Search Here" value="\${searchMB.query}"></input>

Answer: CE ✓

NO.33 Your client wants certain inventory items of high importance to be counted periodically to improve the average level of inventory accuracy.

What type of counting would you recommend?

- A. Physical Count

- B.** Manual Count
- C.** Serialized Count
- D.** Cycle Count
- E.** Blind Count
- F.** Zero Quantity Count

Answer: D

~~NO.34~~ Your client wants the purchasers to be able to run the min-max for items under their control and then manage the POs created out of these.

Which parameters can they use to be able to do this?

- A.** Planning Level
- B.** Sort by
- C.** From Item to Item
- D.** From Buyer to Buyer
- E.** From Planner to Planner

Answer: C

NO.35 How can you configure, in a portable way, the number of threads used by a ManagedExecutorService?

- A.** programmatically, using a ManagedExecutorService
- B.** using the ManagedExecutors utility class to define the execution properties
- C.** This cannot be done because this configuration is dependent on the Java EE Product Provider.
- D.** configuring the thread pool info in the deployment descriptor

Answer: A

NO.36 Given:

```
public class SomeClass {
    @Resource (name="java:comp/env/concurrent/TaskExecutor")
    ManagedExecutorService mes;
    public void createTask() {
        Future<Integer> result=
            mes.submit(new MyCallable<Integer>());
    }
}
```

How often does the submitted task run?

- A.** need more details to determine
- B.** once
- C.** as many times as you like
- D.** based on a schedule

Answer: A

NO.37 You are a shop floor manager and you have received an order which is a back-to-back order in nature. You need to reserve 100 pieces of an item in order to finish your order. However, there are only 50 pieces available for reservation.

If you process this request, how many pieces are provided as the fulfillment for the order?

- A. 50 pieces, because full 100 quantities are not available.
- B. 25 pieces, only half of the quantities can be reserved.
- C. 0 pieces, because partial fulfillment of reservation not supported.
- D. 100 pieces, 50 from on-hand and 50 in the form of a purchase order.

Answer: C

NO.38 Given the code fragment:

Account.java:

```
public class Account {
    private int accId = 12345;
    // getters and setters
}
```

Customer.java:

```
public class Customer {
    private Account acc; //line 1
    public void setAcc(Account acc) // line 2
    { this.acc=acc; }
    public Account getAcc() // line 3
    { return acc; }
```

And

index.xhtml:

```
<h:outputText value = "The Id is #{customer.acc.accId}"/>
```

Which two steps, when performed independently, enable the index.xhtml page to print the following text: The Id is 12345? (Choose two.)

- A. Replace line 2 with: @Inject public void setAcc(Account acc)
- B. Replace line 3 with: @Inject public Account getAcc()
- C. Replace line 1 with: @Inject private Account acc;
- D. Replace line 3 with: public @Inject Account getAcc()
- E. Replace line 1 with: private @Inject Account acc;
- F. Replace line 2 with: public void setAcc(@Inject Account acc)

Answer: ~~D F~~ A C

NO.39 Your customer is managing a large sales team divided in two different geographies in the USA. They have the Est Coast sales team and the Central sales team. Both teams are handled by one manager and perform the same function.

Your customer wants to track the expenses of the two teams separately; however, they do not consider them different as they are handled by one manager only.

How will you fulfill the requirement?

- A. Define them as a single department and two separate cost centers.
- B. Define them as two separate departments and a single cost center.
- C. Define them as one department and one cost center.
- D. It is not possible to fulfill the requirement.

Answer: A

NO.40 What does the system do if you have not entered a count for a tag during physical inventory process?

- A. It will adjust your on-hand balances down to zero quantity.
- B. You will not be able to post without a quantity for every tag.
- C. Any adjustment will be rejected.
- D. It will consider the current system quantity.
- E. A warehouse person will be notified.

Answer: A

NO.41 Given the code fragment:

```
<servlet-mapping>
    <servlet-name>firstServlet</servlet-name>
    <url-pattern>/*</url-pattern>
</servlet-mapping>

<servlet-mapping>
    <servlet-name>secondServlet</servlet-name>
    <url-pattern>/</url-pattern>
</servlet-mapping>

<servlet-mapping>
    <servlet-name>thirdServlet</servlet-name>
    <url-pattern>/</url-pattern>
</servlet-mapping>
```

When

the context root is requested <http://host:port/context>, how does the container resolve this mapping

?

- A. thirdServlet handles the request.
- B. firstServlet handles the request.
- C. The container throws an error at startup.
- D. secondServlet handles the request.

Answer: C

NO.42 Given the following class definition with numbered lines:

~~@Alternative~~

```
public class ShoppingCartMock implements ShoppingCart {
    @Override
    public void checkout() {...}
}
```

How do you specify to use this mock CDI bean implementation instead of the regular implementation class?

- A. Use the alternatives element in the beans.xml file and specify the class name in the class element within it.
- B. Start up the server with the optional -alternative command-line option, specifying any alternative class names in a comma-separated list.
- C. Reorder the implementation names in the beans.xml file such that the desired alternative is listed earlier.
- D. Delete the regular implementation class from the WAR.

Answer: ~~B~~ A

NO.43 Which code snippet prints the exception error message as part of the page output?

- A. <%= exception.message %>
- B. <c:out value="\${requestScope['javax.servlet.error.exception']}"/>
- C. <% exception.getMessage(); %>
- D. <% System.out.println(e.getMessage()) %>

Answer: ~~D~~ B

NO.44 Given:

```

public class AppException extends Exception {}

@Stateless
public class CustomerService {
    @TransactionAttribute(TransactionAttributeType.REQUIRED)
    public boolean addCustomer(int id, String name throws AppException {
        // assume database insert operation succeeds
        Customer c = insertIntoDB(id, name);
        if(id < 20) {
            throw new AppException();
        }
    }
}

```

If an exception is thrown inside the if block, what effect will it have on the transaction?

- A. The transaction will be committed.
- B. The transaction will be suspended.
- C. The transaction will be rolled back.

Answer: C

NO.45 : 27

Given:

```

URI uri = new URI("ws://www.example.com/api/employee");
WebSocketContainer container = ContainerProvider.getWebSocketContainer();
Session session = container.connectToServer(new SocketHandler(), uri);
RemoteEndpoint.Async remote = session.getAsyncRemote();
Employee employee = new Employee("Nancy Taube");
employee.setStatus(Status.FULLTIME);
// send employee object
session.close(new CloseReason(CloseReason.CloseCodes.NORMAL_CLOSURE, "Goodbye"));

```

Which client-side Java method will send the employee object to the WebSocket Server Endpoint?

- A. session.post(employee);
- B. container.send(employee); session.send(employee);
- C. remote.sendObject(employee);

Answer: A U

NO.46 Which two statements are true about the relationship between JavaServer Pages (JSP) and servlets? (Choose two.)

- A. A JSP page must extend the HttpServlet class to behave like a servlet.
- B. A JSP page has access to the same information, objects, and a context as a servlet.
- C. A JSP page is interpreted by JSPServlet.
- D. A JSP page must be written as either an XML file or a JSP file before it is turned into a servlet.

Answer: A D **B** **D**

NO.47 Given the code fragment:

```
Cookie cookie = new Cookie ("key","value");
cookie.setMaxAge (-1);
```

How long does this cookie persist?

- A. until server shutdown
- B. until garbage collection in the servlet instance
- C. this request
- D. until browser shutdown

Answer: D

NO.48 An inventory transaction is important to the system through an FBDI template.

Which transaction state denotes that an inventory transaction is created in the Oracle Inventory Management application?

- A. Created
- B. Validated
- C. Deferred
- D. New
- E. Staged

Answer: B

NO.49 Given the code fragment:

1. JAXBContext jc = JAXBContext.newInstance("com.oracle.foo");
2. Unmarshaller u = jc.createUnmarshaller();
- 3.
4. InputStream in = new FileInputStream("fooStuff.xml");
5. Object o = u.unmarshal (in);

Which method should be used on line 3 to enable default validation mechanism?

- A. u.setProperty(String, Object)
- B. u.setProperty(Schema)
- C. u.setEventHandler(ValidationEventHandler)
- D. u.setAdapter(XmlAdapter)

Answer: D **U**

NO.50 Your customer is a very large organization spanning across multiple countries. Their legal requirements, Human Resource Policies, and Functional Currencies for Ledger are different for each country. Your customer wants to maintain 10 different companies in the system.

Which combination meets this requirement?

- A. 1 Enterprise, 10 Divisions, where each division has its own ledger with common legal entity across all divisions

- B.** 10 Enterprises, 10 Divisions, where each division has its own legal entity and ledger
- C.** 1 Enterprise, 10 Divisions, where each division has its own legal entity and ledger
- D.** 10 Enterprises, 1 Division, where each division has 10 legal entities and 1 ledger

Answer: C

NO.51 Which is a valid description of REST?

- A.** REST provides the same architectural properties as SOAP.
- B.** REST is a library that is part of JEE called JAX-RS.
- C.** REST is the conventional way of interacting with information resources.
- D.** REST is a Web Services standard supported by JEE and JAX-RS.

Answer: D ✓

NO.52 Given:

```

1:  @Stateless
2:  public class AlarmManager {
3:      @Resource
4:      private TimerService timerService;
5:      public void createAlarm(Date alarmDate) {
6:          Alarm myAlarm = new Alarm();
7:          TimerConfig config = new TimerConfig();
8:          config.setInfo(myAlarm.getId());
9:
10:     }
11:     @Timeout
12:     public void handleTimeout(Timer myTimer) {
13:         int alarmId = (int)myTimer.getInfo();
14:         showAlarmMessage(alarmId);
15:     }
16: }
```

You are creating an Alarm management system. When you create a new alarm, you want it to create an alert that is triggered once at the specified time.

Which method should you call on Line 9 to create the timer?

- A.** timerService.createCalendarTimer(alarmDate, config);
- B.** timerService.createSingleActionTimer(alarmDate, config);
- C.** timerService.createIntervalTimer(alarmDate, -1, config);
- D.** timerService.createTimer(alarmDate, -1, config);

Answer: D B

NO.53 You are in the process of analyzing the demand and supply schedules for the item based on

high level reservations.

- A. On Hand**
- B. Movement Request**
- C. Requisition**
- D. Transfer Order**
- E. Work Order**
- F. Account Alias**

Answer: D

NO.54 Given the following code:

```
@WebServlet(urlPatterns = {"/myServlet"}, asyncSupported=true}
public class NonBlockingServlet extends HttpServlet{
    protected void processRequest (HttpServletRequest req,
                                  HttpServletResponse res)
        throws ServletException, IOException {
        AsyncContext ac = req.startAsync();
        // line 1
    }
}
```

What should you do at line 1 to enable this servlet receive request data without blocking?

- A. Use a Runnable instance with the start () method of AsyncContext.**
- B. Define a ReadListener and assign it to the request input stream.**
- C. Create a Callable class and delegate this operation to a ManagedExecutorService by using the dispatch method of AsyncContext.**
- D. Define an AsyncListener and assign it to the AsyncContext object.**

Answer: D

NO.55 What three Key Performance Indicators are available in the Warehouse Operations Dashboard?

- A. Shipment Value**
- B. Hit or Miss Accuracy**
- C. Cycle Count**
- D. Inventory Value**
- E. Distributed Value**
- F. Exact Matches Rate**

Answer: B D F

NO.56 Which URL represents an invalid approach to pass a parameter to a REST resource?

- A. <base-url>/Employees?value=1**
- B. <base-url>/Employees&value=1**
- C. <base-url>/Employees/1**

D. <base-url>/Employees;value=1

Answer: D ~~A~~

NO.57 Given the code fragment:

```
@Resource(lookup = "java:comp/DefaultJMSSConnectionFactory")
private ConnectionFactory cf;
@Resource(lookup = "jms/MyTopic")
private Topic topic;
public void action() {
    try (JMSContext ctx =
        cf.createContext(JMSContext.SESSION_TRANSACTED)) {
        JMSConsumer c1 = ctx.createConsumer(topic, "(grade > 50)");
        JMSConsumer c2 = ctx.createConsumer(topic, "(grade <= 50)");
    }
}
```

How are transactions managed?

- A.** through a single shared transaction across the connection factory
- B.** through a separate transaction per JMS Consumer
- C.** through a single transaction for the entire JMS Topic
- D.** through a single shared transaction in the JMS Context

Answer: D

NO.58 Your organization performs a restock via a transfer order between inventory organizations, using the following parameters for processing:

Transfer Type: In-transit transfer type

Receipt Routing: Standard

Transfer Order Required: Yes

During the process, the receiving organization wants to make a change to the transfer order line.

After which fulfillment stage will they no longer be able to change the transfer order?

- A.** Awaiting Receiving
- B.** Awaiting Billing
- C.** Closed
- D.** Ship Confirm
- E.** Awaiting Fulfillment

Answer: C

NO.59 A supply request has been received in supply chain orchestration. Both organizations belong to the same legal entity and they do not have a buy-sell relationship between them.

Which type of execution document can fulfill the supply request?

- A.** Transfer Order
- B.** Purchase Requisitions
- C.** Purchase Order

D. Sales Order**Answer:** A

NO.60 You want to allow one set of roles to POST to a resource and another set of roles to GET it. Which two configuration options should you use? (Choose two.)

- A. two separate @HttpMethodConstraints annotations and sets of roles
- B. a single @HttpMethodConstraint annotation and a map of method to roles
- C. two <web-resource-collection> with different <http-method> in the deployment descriptor
- D. a single <web-resource-collection> with two <auth-constraint> with different <http-method> in the deployment descriptor

Answer: ~~B~~ A D

NO.61 You need to exchange large binary messages using chunks in a WebSocket application. Identify two ways in which you can receive partial messages. (Choose two.)

- A. Define an @OnMessage method with a single MimePart parameter.
- B. Use a ChunkListener interface implementation.
- C. Use a MessageHandler.Partial<ByteBuffer> interface implementation.
- D. Define an @OnMessage method with byte [] as the first parameter and a boolean as the second parameter.

Answer: C D

NO.62 You have been assigned to the Widget Editor portion of an application. It contains a Widget Editor Facelet page, the Widget class, and a simple WidgetEditor backing bean, which contains a reference to the current Widget instance.

Given the code fragment from the Widget class:

```
public class Widget implements Serializable {
    private String name;
    private Date createdDate;
    private boolean approved;
}
```

Given the code fragment from the Facelet page:

```

<h:messages id="messages"/>
<h:form id="widgetForm">
    <h:outputLabel for="name" value="Name:"/>
    <h:inputText id="name" value="#{widgetEditor.widget.name}" />
    <h:outputLabel for="createdDate" value="Created Date:"/>
    <h:inputText id="createdDate"
        value="#{widgetEditor.widget.createdDate}" /> <!-- Line 1 -->
    <h:outputLabel for="approved" value="Approved:"/>
    <h:selectBooleanCheckbox id="approved"
        value="#{widgetEditor.widget.approved}" />
    <h:commandButton value="Save" action="#{widgetEditor.save}" />
</h:form>

```

The page displays Conversion Error when a user fills out all the form fields and clicks the Save button. Which step do you perform to fix this problem?

- A. Replace Line 1 with:<h:inputText
id="createDate" value="#{widgetEditor.widget.createdDate}" converter="java.util.Date"/>
- B. Enclose the code fragment within the <f:view> tag
- C. Insert <f:convertDateTime/> at Line 1
- D. Replace Line 1 with:<h:inputText
id="createDate" value="#{widgetEditor.widget.createdDate}"><f:convertDateTime pattern="dd-mm-yyyy"/></h:inputText>

Answer: D

~~NO.63~~ You have orders that were due for shipping last week, but as for now they have not been shipped.

Which dashboard should you check at the end of the day to determine which orders have been shipped?

- A. Past Due Shipments
- B. Orders Completed in Full
- C. Past Due, Completed Today
- D. Due Today, Not Completed
- E. Past Due, Not Completed

Answer: B

~~NO.64~~ A customer has one Business Unit, two Legal Entities, and each have eight warehouses (defined as Inventory Orgs). While trying to set up Cost Organizations for each of these Legal Entities you were unable to perform the mandatory step of assigning the Profit Center Business Unit for one set of eight Inventory Organizations; however, you could do it for the other set.

What is the reason for this?

- A. The Legal Entity Setup is incomplete.
- B. There is no Inventory Validation Organization defined.
- C. The General Ledger is not associated with Business Unit.

- D.** The Business Unit is not enabled for Costing.
- E.** There is no Business Unit associated with the Legal Entity.

Answer: E

NO.65 You have been asked to implement internationalization in your JSF web application.

Where do you configure the supported locales?

- A.** in the <f:view> tag of the Facelet page
- B.** in the web.xml file
- C.** in the faces-config.xml file
- D.** in the src folder

Answer: A

NO.66 Given the code sample:

```
public interface GenericMessenger {
    public void handleMessage(Message msg) {}
}
```

And:

```
@Default
public class MsgHandler implements GenericMessenger {
    public void handleMessage(Message msg) {}
}
```

And:

```
@Alternative
public class SmsHandler implements GenericMessenger {
    public void handleMessage(Message msg) {}
}
```

And the next fragment from beans.xml:

```
<alternatives>
    <class>com.acme.SmsHandler</class>
</alternatives>
```

And this injection point:

```
@Inject GenericMessenger messageHandler;
```

Which type would be injected at run time and referenced by the messageHandler variable?

- A.** SmsHandler
- B.** MsgHandler
- C.** None of the above. An exception would be thrown due to ambiguous bean references.
- D.** GenericMessenger

Answer: D

~~NO.67~~ What are the four steps for the move request process flow?

- A. Create shipment
- B. Create Movement Request
- C. Confirm pick slips
- D. Run the Movement Request Pick Slip Report
- E. Physically move the material
- F. Run pick slip allocation

Answer: B C D E

~~NO.68~~ You have a set up min-max planning at the subinventory level with the following to source item AS12312 for Organization: M1:

- * Source Type: Organization
- * Organization: M1

What type of supply request will be generated?

- A. Movement request
- B. Internal Requisition
- C. Purchase Requisition
- D. None; this is an invalid setup
- E. Intraorganization transfer order

Answer: E

~~NO.69~~ Your customer wants you to restrict the values of Receivables Transaction Type for their three business units.

You created three reference data sets for each business unit. However, the user is still able to see the values in the Transaction Type list of values which are not defined in the business unit data set.

What is the reason for this behavior?

- A. The user is seeing the values defined in the common set. The values should be removed from the common set.
- B. Receivables Transaction Types are common across business units.
- C. Reference Data Sets cannot be used uniquely across business units. They can only be used at the Legal Entity level.
- D. The user has multiple Business Unit Roles and, therefore, is able to see additional values.

Answer: A

~~NO.70~~ You need to load on-hand balances for go live. Which template should be used for this?

- A. InventoryBalanceImportTemplate.xlsxm
- B. InventoryReservationImportTemplate.xlsxm
- C. InventoryTransactionImportTemplate.xlsxm
- D. InventoryOnHandBalanceTemplate.xlsxm
- E. InventoryMiscellaneousTrxTemplate.xlsxm

Answer: C

NO.71 : 15

Given:

```
// line 1
public class MyMapper {
    @PrePassivate
    public void setPinDrop() {}
    @PostActivate
    public void checkLocation() {}
}
```

What code needs to be added to line 1 for MyMapper bean instances to be correctly passivated?

- A. @Stateless @PassivationCapable
- B. @Stateless
- C. @Stateful @PassivationCapable
- D. @Stateful

Answer: D

~~NO.72~~ Your client has decided that Discrete Manufacturing will be implemented at a future stage, so any new supply from current manufacturing will be added to current inventory by the Open Transactions Interface. The immediate requirement is to go live with Inventory and Order Management.

Which two seeded transaction types can be omitted for material status control?

- A. All Transaction Types Related to Work in Process
- B. Average Cost Update
- C. Backflush Subinventory Transfer
- D. Miscellaneous Issues and Receipts
- E. All Internal Transactions

Answer: A C

~~NO.73~~ Reorder quantities for an item subinventory are calculated using Fixed Lot Multiple and Round Order Quantity. Assume that the reorder quantity is 24 and you specify 10 for the fixed lot multiple and enable rounding the reorder quantity.

What will be the reorder quantity?

- A. 30
- B. 20
- C. 24
- D. 25

Answer: A

~~NO.74~~ Identify the availability type that is applicable for the item quantities maintained in a unit of measure different from the primary unit of measure and is available for various transactions.

- A. Available
- B. Secondary Available Quantity

- C. Reserved
- D. Secondary On-hand Quantity
- E. On Hand

Answer: B

NO.75 Which statement is true about Java methods that are exposed as Web Service operations by using JAX-WS API?

- A. The @WebResult annotation must exist.
- B. Method parameters and return types must be JAXB compatible.
- C. Method parameters must be declared by using @WebParam.
- D. The @WebMethod annotation must exist.

Answer: D *B*

NO.76 Given the set of navigation rules:

```

<navigation-rule>
    <from-view-id>list-widgets</from-view-id>
        <navigation-case>
            <from-outcome>add</from-outcome>
            <to-view-id>add-widget</to-view-id>
        </navigation-case>
    </navigation-rule>
    <navigation-rule>
        <from-view-id>*</from-view-id>
        <navigation-case>
            <from-outcome>home</from-outcome>
            <to-view-id>home</to-view-id>
        </navigation-case>
        <navigation-case>
            <from-outcome>logout</from-outcome>
            <to-view-id>goodbye</to-view-id>
        </navigation-case>
    </navigation-rule>
    <navigation-rule>
        <from-view-id>home</from-view-id>
        <navigation-case>
            <from-outcome>dashboard</from-outcome>
            <to-view-id>dashboard</to-view-id>
        </navigation-case>
        <navigation-case>
            <from-outcome>list</from-outcome>
            <to-view-id>list-widgets</to-view-id>
        </navigation-case>
    </navigation-rule>

```

Which two define a valid flow of view IDs through the application? (Choose two.)

- A. home > goodbye > list-widgets
- B. dashboard > home > add-widget > list-widgets
- C. list-widgets > add-widget > home > dashboard > home
- D. home > list-widgets > add-widget > goodbye

Answer: C D

NO.77 Which three types of jurisdictions should be considered while designing the Enterprise

Structure?

- A.** Labor Jurisdiction
- B.** Obligatory Jurisdiction
- C.** Local Jurisdiction
- D.** Income Tax Jurisdiction
- E.** Transaction Tax Jurisdiction
- F.** Identifying Jurisdiction

Answer: D E F

NO.78 You have a high value item that you want to audit on an unscheduled basis to deter pilfering.

Which method would you use to do this?

- A.** ABC Count
- B.** Physical Inventory Count
- C.** Automated Cycle Count
- D.** Manual Cycle Count
- E.** Blind Inventory Count

Answer: D

NO.79 On your JSF page, you have a form in which you have a command button:

```
<h:commandButton value="Click Me!"  
                  actionListener="#{someBean.listenCarefully}"  
                  action="#{someBean.actNow}"/>
```

A user submits the form by clicking the button, and no errors occur while processing the request.

Which statement is true?

- A.** The actNow() and ListenCarefully() methods are executed in parallel.
- B.** The listenCarefully() method is executed followed by the actNow() method.
- C.** The actNow() method controls the condition upon which the listenCarefully() method is allowed to be executed.
- D.** The actNow method is executed followed by the listenCarefully() method.

Answer: B

NO.80 Which two capabilities are provided by the Java Authentication and Authorization Services (JAAS) API?

(Choose two.)

- A.** protecting data from unauthorized viewing by using encryption
- B.** verifying that a user is allowed to perform an action
- C.** ensuring that data is not modified in transit
- D.** verifying identity claims from users

Answer: ~~B C~~ B D

NO.81 Which statement is true about JAX-RS resource implementation?

- A.** The REST resource implementation class must extend the javax.ws.rs.core.Application class

- B.** The REST resource class can be implemented as a stateful Enterprise JavaBean (EJB).
- C.** The REST resource class can be implemented as a Plain Old Java Object (POJO).
- D.** The REST resource implementation class must not be final.

Answer: A C

NO.82 Given the code fragment:

```
public void onMessage(Message msg) {
    try {
        // get property names
    } catch (Exception e) {
    }
}
```

How can you get all property names of a JMS message in the JMS consumer onMessage operation?

- A.** String [] props = msg.getPropertyNames();
- B.** Enumeration props = msg.getPropertyNames(); Iterator props = msg.getPropertyNames();
- C.** List<String> props = msg.getProperties();

Answer: A B

NO.83 You set up an item organization and an inventory organization as part of your customer's requirement.

Your customer has, by mistake, performed a receipt transaction in the item organization instead of the inventory organization. How will you rectify this error?

- A.** Perform a correct receipt transaction and receive the item in the correct organization.
- B.** Perform a return of item and receive the item again in the correct organization.
- C.** It is not possible to receive item in the item organization.
- D.** Perform a new receipt in the correct organization and retain the stock in item organization because it does not affect any other operation.

Answer: C

NO.84 Java EE's support for WS-Security includes handling which two types of security credentials? (Choose two.)

- A.** X.509 certificates
- B.** SAML tokens
- C.** OAuth Bearer tokens
- D.** Two-factor authentication tokens

Answer: A B

NO.85 Which three replenishment count types are used for Periodic Automated Replenishment (PAR)?

- A.** Order Economic Quantity (EOQ): Generates a replenishment request for the calculated quantities based on inventory policies to maintain the PAR quantity.
- B.** Reorder Point: Generates a replenishment request for the order quantity based on days of cover for the item lead time.

- C. Order Quantity: Generates a replenishment request for the order quantity entered for the replenishment count.
- D. Order RAR: Generates a replenishment requisition for the RAR-level quantity.
- E. On-hand Quantity: Generates a replenishment requisition for the difference between the on-hand quantity and the RAR-level.

Answer: C D E

NO.86 Your customer decides to implement Cloud Procurement and Inventory. While discussing with your customer, you come to know that they have a business that spans across multiple locations and they have warehouse situated across USA and Canada.

- * All their procurement, payables, and distribution activities take place from USA.
- * They have a central warehouse in USA and after the goods are delivered to this warehouse, they are distributed across multiple additional warehouses. The warehouses are managed separately from the requisitioning units.
- * For requesting material they have two units. One located in USA that monitors the current stock. They are responsible for creating requisition for any material shortage in USA. They have another location in Canada for requesting material.

Which setup fulfills this scenario?

- A. BU1: USA - as procurement and requisitioning Business Unit (BU)BU2: Canada - as requisitioning Business UnitDefine Service provider relationship where Canada procurement business unit serves as procurement and payables service provider for Canada Requisitioning Business Unit.
- B. BU1: USA - as procurement business unit (BU)BU2: Canada - as requisitioning business unitBU3 : USA
 - as requisitioning business unitDefine Service provider relationship where USA procurement business unit serves as procurement and payables service provider for Canada Requisitioning Business Unit.
- C. BU1: USA - as procurement business unit (BU)BU2: Canada - as requisitioning business unitBU3 : USA
 - as requisitioning business unitDefine Service provider relationship where Canada procurement business unit serves as procurement and payables service provider for Canada Requisitioning Business Unit.
- D. BU1: USA - as procurement business unit (BU)BU2: Canada - as requisitioning business unitBU3 : USA
 - as requisitioning business unitDefine Service provider relationship where USA procurement business unit serves as procurement and payables service provider for both Canada and USA requisitioning Business Units.

Answer: A

NO.87 A shipment has not yet been created for a pick that you are running.

How is the due date calculated?

- A. request date from the order line
- B. schedule ship date from the order line
- C. promise date from the order line
- D. system date
- E. earliest acceptable date from the order line

Answer: B

NO.88 When should a JPA entity implement the Serializable interface?

- A. when JPA entities are used in the EJB Full container
- B. when JPA entities are used outside of the EJB Lite container
- C. always, because JPA entities are required to implement the Serializable interface
- D. when JPA entities are used as parameters or return values by the remote EJB operations

Answer: D

NO.89 Given:

```
@Path("Employees")
@Produces(MediaType.APPLICATION_JSON)
public class EmployeesResource {
    @Inject
    private EmployeeManager em;
    @GET
    public List<Employee> findAll() {
        return em.findAllEmployees();
    }
}
```

What will be the response to a HEAD request?

- A. The findAll() method will be called and the employee list will be returned.
- B. The findAll() method will be called and no employees will be returned.
- C. No method will be invoked and no error will be returned.
- D. No method will be invoked and a 404 error will be returned.

Answer: C

NO.90 Which interface should you implement if you want to be alerted to the lifecycle events surrounding your task being executed by a ManagedExecutorService?

- A. the Runnable Interface
- B. the ManagedExecutorTask interface
- C. the TaskEventListener interface
- D. the ManagedTaskListener interface

Answer: D

NO.91 When handling a JSF request, your application code decided to redirect the call to another URL by using HTTP redirect. Which action should you take to correctly complete the handling of the JSF life cycle?

- A. Set the immediate="true" attribute on the command button that was used to perform this call.
- B. Invoke the dispatch() method on the ExternalContext object.
- C. Invoke the setCurrentPhaseId(RENDER_RESPONSE) method on the FacesContext object.

D. Invoke the responseComplete() method on the FacesContext object.

Answer: C D

NO.92 How do you specify a default error page in your web.xml file?

- A. <on-error><location>/general-error.html<location></on-error>
- B. <error-page><error-code>*</error-code><location>/general-error.html</location></error-page>
- C. <on-error><error-code>*</error-code><location>/general-error.html</location></on-error>
- D. <error-page><location>/general-error.html</location></error-page>

Answer: B D

NO.93 Your supplier sent you stock against a consigned agreement. You transferred at the stock to owned and generated a consumption advice. An invoice was raised by the supplier and the payment made. A few days after using some of the quantities of the stock, you realized that some of the stock sent by the supplier is not of suitable quality and you need to send the stock back.

What is the process of returning the material?

- A. You have to cancel the invoice and send the material back without changing the ownership.
- B. Return the material and create a debit memo for the supplier.
- C. You cannot return consigned items that are invoiced and paid. Treat the material as scrap.
- D. You have to transfer the ownership of item and perform the return transaction.

Answer: B

NO.94 During Cloud Inventory implementation your customer requires you to enable the Oracle Transactional Business Intelligence (OTBI) KPI to review the list of standard reports which is useful for their current business scenario. When navigating to reports and analytics, the warehouse dashboard doesn't show any KPI watchlist.

Identify two causes. (Choose two.)

- A. Logistics Business Intelligence Analytics is enabled.
- B. Logistics Business Intelligence Analytics is not implemented.
- C. Organization is not enabled for warehousing.
- D. Data permissions for the organization being referenced are not set up.
- E. Supply Chain and Order Management Business Intelligence Analytics is not enabled.

Answer: B E

NO.95 Which statement is true about the WS-Security standard?

- A. It is a Java EE standard for protecting SOAP services.
- B. It relies on HTTP security mechanism to protect SOAP messages in transmit.
- C. It provides message-level security.
- D. It defines protocol-specific ways of protecting SOAP messages.

Answer: C

NO.96 Which statement is false about generating an Internal Material Transfer for expense destination Transfer Order?

- A. Expense destination transfers are expensed upon delivery hitting an expense account instead of

an inventory asset account as would be the case for inventory destination transfers.

- B.** If the receipt is not required Cost Accounting will pick up both the issue and receipt activity from the single inventory transaction "Transfer Order Issue"
- C.** If the receipt is required, the accounting of the receipt delivery transaction will happen only on Receipt Accounting because there will not be a delivery transaction in inventory.
- D.** Costs for Lot and serial numbers are tracked at put away time when the items are recorded in a destination inventory location.
- E.** Cost Management will pick up the delivery transaction directly from Receiving and process the expense accounting from that transaction.

Answer: D

~~NO.97~~ In the Back-to-Back (B2B) Order to Cash flow, ordered items are purchased from a supplier. The Sourcing Rules have been defined for the item and the buy flow has been initiated. The sales order line is shown as Awaiting Shipping and the supply line status is in "Purchasing" with the supply order generated but the purchase requisition not generating.

What is the reason?

- A.** The sourcing rule is incorrect.
- B.** Supply order is generated with exceptions.
- C.** Prepare is not valid.
- D.** No Blanket Purchase Agreement (BPA) exists for this supplier-item combination.
- E.** Buy requests originate from Order Management.

Answer: A

~~NO.98~~ Your organization is planning for a periodic counting of individual items automatically throughout the course of the year. As part of this activity, the user has loaded items to the cycle count but some of the items are not being considered when count schedules and count sequences are not generated.

Identify two reasons that explain why the items are not being considered.

- A.** The ABC assignment group is not defined.
- B.** The Include in Schedule option is not selected to include the item for auto-scheduling.
- C.** The Cycle Count Enabled flag is not selected for the inventory organization.
- D.** The Cycle Count Enabled flag is not selected for the item.
- E.** The approval controls are not set up.

Answer: D E

~~NO.99~~ Identify two statements that are true about the cost-organization relationship.

- A.** Costing Item Validation Organization can only be Item Master Organization of the underlying inventory organizations.
- B.** Only Inventory organizations belonging to different Item Master Organizations can be part of a cost organization.
- C.** Costing Item Validation Organization is used to default the Unit of Measure for costing calculations.
- D.** The inventory organizations that are assigned to a cost organization must all belong to the same

legal entity.

Answer: C D

NO.100 Which code snippet indicates that the page you are designing is capable of handling errors?

- A. <%@page errorPage="errorHandler.jsp"%>
- B. <%= requestScope['javax.servlet.error'] !=null %>
- C. <%@page isErrorPage="true"%>
- D. <c:set var="errorHandler" value="true"/>

Answer: C

NO.101 Which execution document is created by supply chain orchestration when a make request is received?

- A. Transfer Order
- B. Work Order
- C. Routing Create
- D. Movement Request
- E. Purchase Order

Answer: B

NO.102 Your client has just updated their chart of accounts. They are now designing the organization hierarchy in the system.

Which three structures should the customer use to do this?

- A. Warehouse, Subinventory, and Locators
- B. Cost Centers, Organizations, and Locations
- C. Cost type, Default Cost Structure, and Item Organization
- D. Divisions, Business Units, and Departments

Answer: D

NO.103 Which type allows you to share servlet attributes across your entire web application?

- A. ServletContext
- B. HttpSession
- C. ServletRequest
- D. ServletConfig

Answer: A

NO.104 Your customer has two warehouses (Inventory organizations) located in two different regions. They have a consigned agreement in place with the supplier. Your customer requests that whenever consumption advice is created, it should be created separately for each inventory organization.

What setup is required to achieve this requirement?

- A. Set Consumption Advice Summary in Consignment Agreement to "Organization".
- B. Set Consumption Advice Summary in Consignment Agreement to "All Organizations with items".
- C. This cannot be achieved because only one common consumption advice is created regardless of

other parameters.

D. Set Consumption Advice Summary in Consignment Agreement to "All Organizations".

Answer: A

NO.105 The physical inventory process is carried out for a particular inventory organization with the following parameters:

- * Negative quantity Tolerance Percentage is set to 10%
- * Approval Type = 'Always'

The system says that there are 100 on hand, but you only counted 95. What will happen?

- A.** The setup is invalid; it will give an error message.
- B.** Because the 95 is within the 10% tolerance, it will post without approval.
- C.** The system will ask a user to recount before posting.
- D.** An approval will be required before posting.

Answer: B

NO.106 Given the code fragment:

```
// line 1
public class DataConverter
    implements AttributeConverter<LocalDate, Date> {
    //implementation
}
```

```
@Entity
// line 2
public class Customer {
    // line 3
    private LocalDate birthday;
    //remaining implementation
}
```

How can you apply DateConverter to the birthday field?

- A.** by adding @Convert(to=Date.class) at line 3
- B.** by invoking the setConverter(DateConverter.class) method on the EntityManager object
- C.** by adding @Converter(autoApply=true) at line 1
- D.** by adding @Convert((DateConverter.class)) at line 2

Answer: A

NO.107 Your class requires multiple resources defined, as shown in the following:

```

@<XXXXX> ( {
    @Resource(name="aFactory",
              type="javax.jms.ConnectionFactory"),
    @Resource(name="aSession",
              type="javax.mail.Session">
}
)

```

Which annotation do you use to group multiple @Resource declarations together for class-based injection, replacing <XXXX> in the code above?

- A. @Resources
- B. @Resource
- C. @ResourceGroup
- D. @ResourceCollection

Answer: B

~~A~~

NO.108 Which two statements are true in regard to using the Enterprise Structures Configuration? (Choose two.)

- A. It recommends job and position structures.
- B. It allows you to create your Enterprise, Business Units, and Warehouses in a single step.
- C. You cannot modify the recommendation from the tool. You must do it after you perform the initial configuration.
- D. The guided interview-based process helps you set up the enterprise with best practices.
- E. It creates the chart of accounts.

Answer: B D

NO.109 Which annotation allows a request to be executed with another Principal's identity?

- A. It is not possible to execute a request with another Principal's identity.
- B. @Useldentity
- C. @RolesAllowed
- D. ~~@Runs~~ ~~@RunAs~~

Answer: C

~~D~~

NO.110 Given the code fragment:

```

1: @RequestScoped
2: public class BankActivityService {
3:
4:     public void notifyDebit(BankEvent be) { }
5:
6:
7:     public void notifyCredit(BankEvent be) { }
8:
9: }

```

Which code can be added to register both of these methods to receive BankEvent notifications only if an instance of BankActivityService is already instantiated in the current context?

- A. @Observes(notifyObserver=IF_EXISTS) on line 3 and line 6
- B. @Observes(during=IN_PROGRESS) on line 1
- C. @Observes(during=AFTER_COMPLETION) on line 1
- D. @Observes(notifyObserver=IF_EXISTS) on line 4 and line 7 before method parameter declaration

Answer: A

D

NO.111 Your customer has received 50 boxes of item A (priced at \$10 per box) and these items are transferred to the asset Inventory organization. There are no additional quantities in any of the inventory organizations apart from the received 50 boxes. After running all the necessary cost accounting and receipt accounting processes successfully, the item valuation for item A is still zero. What is the reason?

- A. Items are not consigned items but ownership is still with the supplier.
- B. Items are consigned items and ownership lies with the supplier.
- C. Items are consigned and ownership is transferred to "owned".
- D. Items are not consigned items and ownership is with the organization.

Answer: B

NO.112 Given the code fragments:

```
//line 1
public class ContactId implements Serializable {
    private String countryCode;
    private String phoneNumber;
    // remaining implementation
}
```

```
@Entity
//line 2
public class Contact implements Serializable {
    @NotNull
    @Id
    protected String countryCode;
    @NotNull
    @Id
    protected String phoneNumber;
    // remaining implementation
}
```

Which action completes this composite primary key implementation?

- A. Add @IdClass annotation at line 1.
- B. Add @Embeddable annotation at line 1 and replace both @Id annotations with @EmbeddedId annotations.
- C. Add @IdClass(ContactId.class) annotation at line 2.
- D. Add @Embeddable annotation at line 1 and @EmbeddedId(ContactId.class) at line 2.

Answer: D

NO.113 In Supply Chain Orchestration, Automated Change Management performs which two functions?

- A. change to need by dates of a purchase order
- B. splitting of a sales order
- C. changing the ship method on a sales order
- D. change to item attributes
- E. changing the supplier on a purchase order

Answer: A B

NO.114 Your organization is using min-max planning to replenish stock and the planning parameters are set at item organization level with a default subinventory.

Item: A, Min Qty: 25, Max Qty: 150 and Current Level: 20

The item above is purchased from a supplier. Although there is subinventory on hand, the

subinventory is below the minimum required level. This should trigger a Min-Max report entry, but the requisition is not generated. Why?

- A. Fixed lot multiplier is not set.
- B. No value has been set for the "Min-Max Replenishment Reorder Approval" profile.
- C. Min-Max planning can be performed at the Organization level.
- D. Rounding the Reorder Quantity is disabled.
- E. Item is not defined in Manage Item Subinventories.

Answer: E

NO.115 A Java EE application that uses an EJB container must communicate with a legacy system developed using non-Java technologies.

Which two Java EE technologies can be used in the integration tier of the application? (Choose two.)

- A. JMS
- B. JSF
- C. JPA
- D. JCA

Answer: ~~A, B~~ A, D

NO.116 You face a supply request exception due to some reason. You realize that you need to make some changes to the Manage Supply Request Exceptions page.

Which action will you perform?

- A. The supply request cannot be updated. The only way is to resolve the error in the source application and resubmit the request.
- B. The supply request can be updated using a third-party application only.
- C. Update the supply request and submit it. The errors will be resolved automatically.
- D. Update the supply request and make sure errors are resolved before resubmitting it.

Answer: A

NO.117 Given the code fragments:

@Stateless

```
public class HRService {
    @PersistenceContext(unitName="HRApp-PU")
    private Employee findEmployee(String badgeId) {
        return entityManager.find(Employee.class, badgeId);
    }
    public void updateEmployee(Employee emp) {
        // add code here
    }
}
```

@WebServlet(name="HR", urlPatterns={"/hr"})

```
public class HRServlet extends HttpServlet {
    @EJB
    private HRService hrService;
    public void doGet(HttpServletRequest req, HttpServletResponse res)
        throws ServletException, IOException {
        String badgeId = req.getParameter("badge");
        String name = req.getParameter("name");
        Employee emp = hrService.findEmployee(badgeId);
        emp.setName(name);
        hrService.updateEmployee(emp);
    }
}
```

What code should you add to the body of the updateEmployee method in order to save pending changes to the database?

A. entityManager.merge(emp);

B. Context.Ctx = new InitialContext();UserTransaction utx =
(UserTransaction)ctx.lookup("java:comp/UserTransaction");utx.begin();entityManager.merge(emp);utx.commit();entityManager.lock(emp);EntityManager.merge(emp);

C.

entityManager.getTransaction().begin();entityManager.merge(emp);entityManager.getTransaction().commit()

Answer: B

NO.118 As part of implementing Oracle Cloud for your customer, you defined multiple Business Units. The customer wants you to define an Inventory Organization that is associated with all the business units and not just one particular business unit.

How do you achieve this?

A. Define the Inventory Organization without associating it with any location.

- B.** Leave the Management Business Unit field blank in the Inventory Organization definition.
- C.** Leave the Profit Center Business Unit field blank in the Inventory Organization definition.
- D.** It is not possible to define an Inventory Organization that is associated with more than one business unit.

Answer: D

~~NO.119~~ You defined an Inventory Organization that is meant to track the contract manufacturing process outsourced to a supplier.

Where do you mention that this Inventory Organization is meant for one particular supplier?

- A.** Manage Inventory Organization Locations
- B.** Manage Subinventories
- C.** Manage Inventory Organizations
- D.** Manage Contract Manufacturing Relationships
- E.** Manage Item Organizations

Answer: C

~~NO.120~~ Your company has multiple inventory organizations where goods are transferred internally. A user has created a new organization but new organization is unavailable when creating an interorganization transfer.

What is the missing setup?

- A.** Inventory organization data access for users is not set up.
- B.** Interorganization Parameters are not set up between the organizations.
- C.** The destination organization transfer type is In Transit.
- D.** The source and destination organization doesn't belong to the same legal entity.

Answer: D

NO.121 Identify two valid WebSocket message types for which you can register handlers. (Choose two.)

- A.** Error Message
- B.** Binary Message
- C.** Pong Message
- D.** Ping Message

Answer: B C

~~NO.122~~ For an Item to be enabled for back-to-back order process, which attribute do you need to set?

- A.** Item attribute: Allow purchase orders off of sales orders
- B.** Organization attribute: Allow Back to Back Processing
- C.** Organization attribute: Allow Reservations
- D.** Item attribute: Back-To-Back Enabled
- E.** Item attribute: Reservations Enabled

Answer: D

NO.123 How can a servlet indicate to the browser that cookie data should be sent over a secure connection?

- A. Call the `getSecure(true)` method on the cookie object.
- B. Encrypt the cookie data. The browser automatically sends encrypted data over a secure connection.
- C. Set the ENCRYPT header in the response.
- D. Configure `SessionTrackingMode.SSL` on the `ServletContext` object.

Answer: A

NO.124 Your customer has a requirement across their 10 warehouses, each with different users. They would like that whenever a warehouse user logs in, their warehouse should get populated. How will you achieve this?

- A. Set up the profile option `INV_DEFAULT_WHSE_ID` at site level.
- B. Set up the profile option `INV_DEFAULT_WHSE_ID` at user level for each user.
- C. Set up the profile option `INV_DEFAULT_WHSE_ID` at role level (different roles for different warehouses).
- D. Set up the profile option `INV_DEFAULT_ORG_ID` at user level for each user.
- E. Set up the profile option `INV_DEFAULT_ORG_ID` at role level (different roles for different warehouses).
- F. Set up the profile option `INV_DEFAULT_ORG_ID` at site level.

Answer: E

NO.125 You are working with JMS publish-subscribe operations.

What happens when a producer publishes a message to a topic for which a durable subscription exists but there are no subscribers available?

- A. The publisher waits for a subscriber, who then consumes it. However, the publisher will time out if no consumer arrives within the given timeout period.
- B. The publisher sends the message. However, it is never consumed because there wasn't anything listening when it arrived, regardless of the message timeout length.
- C. The publisher successfully sends a message, which will be consumed later, once there is a subscriber, assuming the message hasn't timed out.
- D. The message publisher is immediately notified about the lack of subscribers and can decide for itself if, and when, to resend.

Answer: C

NO.126 Your web application requires logic to remember items that a user placed into a shopping cart.

Which two mechanisms should you use to associate that information with the user? (Choose two.)

- A. `HttpServletResponse` objects
- B. `ServletContext` objects
- C. `HttpSession` objects
- D. a database

Answer: B C

~~NO.127~~ What are two outcomes when a lot expires on an item with lot control enabled?

- A. It remains an inventory, but is not considered on-hand when the user is performing min-max or reorder point planning calculations.
- B. It is issued out of stores.
- C. It cannot be transacted.
- D. It is not included in cycle counts.
- E. It cannot be reserved for a date beyond the expiration date.

Answer: A E

NO.128 Which class do you use to handle an incoming JSON Message as a stream?

- A. JsonReader
- B. JsonObjectBuilder
- C. JsonParser
- D. JsonObject

Answer: A 

~~NO.129~~ You have an organization that runs both its domestic and international business from the same offices.

However, the organization does not want the domestic side of the business to be able to transact on the international side, even though they are selling the same material.

How do you configure your enterprise to meet this requirement?

- A. Set up the domestic and international businesses as separate operating units.
- B. Set up the domestic and international businesses as separate projects.
- C. Set up the domestic and international businesses as separate business units.
- D. Use data access security to separate what each customer can control.
- E. Set up the domestic and international businesses as separate cost centers.

Answer: C

~~NO.130~~ Your client is about to define their primary ledger.

Which set of three primary attributes do they need to know in order to complete this?

- A. Chart of Accounts, Description, and Accounting Method
- B. Chart of Accounts, Ledger Balance, and Accounting Method
- C. Chart of Accounts, Accounting Calendar, and Currency
- D. Currency, Description, and Accounting Method

Answer: C

NO.131 Which statement is true about the relationship between HTTP and WebSockets?

- A. A WebSocket connection is a bi-directional HTTP session with message-handling support.
- B. A WebSocket connection is initialized with an HTTP handshake.
- C. A WebSocket connection can be initialized by either client or server.
- D. A WebSocket connection uses HTTP protocol to exchange data with the browser.

Answer: D 

~~NO.132~~ While creating the consignment agreement, you have set the consumption advice frequency to "monthly" and the billing cycle close date to "31st August, 2020".

What will happen when you run the consumption advice process on 31st August, 2020?

- A. No consumption advice is created.
- B. Consumption advice is created and the next closing date is set to 30th October, 2020.
- C. Consumption advice is created and the next closing date is set to 7th September, 2020.
- D. Consumption advice is created and the next closing date is set to 30th September, 2020.

Answer: D

~~NO.133~~ Your organization has lot controlled and nonlot controlled material and stores all defective material in a subinventory called "Defect". The organization does not want defective material to be available for reservations or for subsequent shipping to customers.

Which option satisfies this requirement?

- A. Tag the lot as defective product.
- B. Disallow all inventory transactions for the subinventory "Defect".
- C. Put a hold on the lot.
- D. Assign the subinventory a material status that disallows reservations and allows subinventory transfers and issues to scrap.
- E. Assign the lot a material status that disallows reservations and allows subinventory transfers and issues to scrap.

Answer: D

NO.134 Which two features are provided by the JSTL Core library for a JSP? (Choose two.)

- A. iteration over a collection
- B. buffering of large result sets
- C. testing conditions
- D. message localization

Answer: A.D *A.U*

~~NO.135~~ A third-party service equipment is used for various purposes in a manufacturing facility and needs to be overhauled once a year. This equipment is charged based on its consumption without a project dependency.

At this point, it should be transferred out of the vendor's warehouse for maintenance and then returned back in the future depending upon the requirement.

The material stock transfer should happen with an offline approval and with an account alias as a logical reference.

What is the ideal way to handle this process?

- A. Transfer Order
- B. Requisitions
- C. Move Request
- D. Miscellaneous Transaction
- E. Subinventory Transfer

Answer: D

~~NO.136~~ You are currently implementing Oracle Cloud for the Singapore entity of your multinational customer. Their head office is located in Japan. Apart from Singapore, their other entities are using a legacy system.

Their requirement is to implement Oracle Cloud in such a way that at the end of the financial year, all their financial reporting should be in Japanese Yen.

How will you fulfill the above requirement?

- A. Define one primary ledger with Japanese Yen currency so that all the subledger data gets converted to Japanese Yen automatically.
- B. Define one primary ledger with SGD (Singapore Dollars) as primary currency and use the reporting currency functionality to provide the necessary data in Japanese Yen currency.
- C. This requirement cannot be fulfilled.
- D. Define two ledgers one in SGD (Singapore Dollars) and one in Japanese Yen and transfer data of all the subledgers in these two primary ledgers.

Answer: B

NO.137 Which two elements CANNOT be injected by using an @Inject annotation? (Choose two.)

- A. static fields
- B. instance fields declared final
- C. concrete methods
- D. abstract methods

Answer: B D

NO.138 You need to develop a chat application, which allows the display of emoticons and images together with text messages.

How should you configure a WebSocket endpoints to receive both text and binary messages?

- A. Create two @onMessage methods in the same endpoint with appropriate parameter types.
- B. Define the @onMessage methods in your endpoint with Object as parameter and check the actual type in your code.
- C. You can achieve this only by creating separate WebSocket endpoints for each message type.
- D. Create two @onMessage methods, each with appropriate decoder attribute in the same endpoint

Answer: ~~D~~ B

~~NO.139~~ While negotiating the terms of the consignment agreement, the buyer and the supplier mutually agree to set aging onset point as receipt and the aging period as five days. The terms also say that the consumption advice will be generated daily.

In which three scenarios will the goods be transferred from the supplier's ownership to buyer's ownership?

- A. You received the goods today and you decided to issue the goods after days without transferring the ownership.
- B. You received the goods today and for the next one week you do not plan any action on the same.
- C. You received the goods today after six days you decide to transfer the ownership using the "create transfer to consigned transaction" task.
- D. You received the goods today and you transfer the ownership using the "create transfer to owned

transaction" task.

- E. You received the goods and after four days you return the material to the supplier.
- F. You received the goods today and after three days you transfer the ownership using the "create transfer to consigned transaction" task.

Answer: A B D

NO.140 Given the JPQL code fragment:

Select pub.title, pub.author, pub.pages FROM Publisher pub

Which two clauses do you add to this JPQL query to retrieve only those books with between 500 and 750 total pages? (Choose two.)

- A. WHERE MIN(pages) >= 500 AND MAX(pages) <= 750
- B. WHERE pub.pages <= 500 OR pub.pages >= 750
- C. WHERE pub.pages BETWEEN 500 AND 750
- D. WHERE pub.pages <= 500 AND pub.pages >= 750

Answer: ~~A B~~ A . C

NO.141 Your customer wants to prevent customer shipments out of a specific subventory. They are setting up a material status to control this.

Which transaction do they need to disallow?

- A. Sales Order Pick
- B. Sales Order Issue
- C. Ship Confirm
- D. Miscellaneous Issue
- E. Move Request Putaway.

Answer: B

NO.142 You are building the User Preferences page of an application. A user can change values, such as his or her name, password, address, company, and so on. These values are sent to a CDI backing bean via AJAX when the user tabs out of each field. However, the values must be retained in the CDI bean and stored in the database only when the user clicks the Save button.

Which two scopes will allow your CDI bean to retain its state while the user is interacting with the User Preferences page? (Choose two.)

- A. Dependent
- B. View
- C. Session
- D. Request
- E. Application

Answer: ~~C D~~ A . U