

Oracle 1Z0-900 Exam

Volume: 69 Questions

Question: 1

Give the code fragment:

```
1: @Stateless
2:
3: Public class Warehouse {
4:     public void sendConfirmation(string msg) {}
5:     public String reserve(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

Question: 2

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.)

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- 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

Question: 3

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

Question: 4

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.

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

Answer: C

Question: 5

Which class do you use to handle an incoming JSON Message as a stream?

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

Answer: A

Question: 6

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

Question: 7

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

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- B. the ManagedExecutorTask interface
- C. the TaskEventListener interface
- D. the ManagedTaskListener interface

Answer: D

Question: 8

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. @UseIdentity
- C. @RolesAllowed
- D. @Runs

Answer: C

Question: 9

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

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D. @Observes(notifyObserver=IF_EXISTS) on line 4 and line 7 before method parameter declaration

Answer: A

Question: 10

Which type allows you to share servlet attributes across your entire web application?

A. ServletContext

B. HttpSession

C. ServletRequest

D. ServletConfig

Answer: A

Question: 11

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

Question: 12

Given the code sample:

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

And:

@Default

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