Exam Code: 310-090
Exam Name: Sun Certified Business Component Developer for J2EE 1.3
Vendor: Sun
Version: DEMO
Part: A

1: Which method can be called by the container to transition an entity bean instance from the ready state to the pooled state?
   A.ejbRemove
   B.ejbCreate
   C.ejbActivate
   D.unsetEntityContext
   Correct Answers: A

2: Which statement is true about the implementation of ejbSelect methods?
   A. The container calls the appropriate ejbFind methods in the bean class.
   B. The deployment descriptor's EJB QL guides the container's implementation.
   C. The EJBOBJECT contains wrapper methods which call the ejbSelect methods.
   D. The Bean Provider supplies the implementation of the ejbSelect methods.
   Correct Answers: B

3: Click the Task button.
   Place the CMP Entity Bean method name on its purpose or usage. (The point of view is from the Bean Provider.)

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<table>
<thead>
<tr>
<th>CMP Entity Bean Method Name</th>
<th>Purpose or Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>place here</td>
<td>sets persistent fields and perform initialization</td>
</tr>
<tr>
<td>place here</td>
<td>business methods implemented in Java that do not require an entity object identity</td>
</tr>
<tr>
<td>place here</td>
<td>sets bidirectional Container Managed Relationship fields</td>
</tr>
<tr>
<td>place here</td>
<td>implemented by EJB-QL to support the bean's business methods</td>
</tr>
<tr>
<td>setEntityContext</td>
<td></td>
</tr>
<tr>
<td>unsetEntityContext</td>
<td></td>
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<tr>
<td>ejbCreate&lt;METHOD&gt;</td>
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<tr>
<td>ejbPostCreate&lt;METHOD&gt;</td>
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<tr>
<td>ejbHome&lt;METHOD&gt;</td>
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<tr>
<td>ejbSelect&lt;METHOD&gt;</td>
<td></td>
</tr>
<tr>
<td>ejbRemove</td>
<td></td>
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</tbody>
</table>
   Correct Answers:
4: Which role is responsible for implementing the home business methods for a CMP 2.0 entity bean?
A. Deployer
B. Bean Provider
C. Container Provider
D. Application Assembler
Correct Answers: B

5: Click the Task button.
Place the lifecycle events of an entity bean in the proper sequence.

Correct Answers:
6: Given:
10. void setEntityContext(EntityContext context) {
11.   // insert code
12. }
Which two are valid if inserted at line 11? (Choose two.)
A. context.getEJBHome();
B. this.id = (String) context.getPrimaryKey();
C. this.principal = context.getCallerPrincipal();
D. Context ctx = new InitialContext();
this.minBalance = (Double) ctx.lookup("java:comp/env/minBalance");
Correct Answers: A D

7: Which method from javax.ejb.EJBContext returns an object that allows a Bean Provider to demarcate transactions?
A. begin()
B. getAutoCommit()
C. getTransaction()
D. beginTransaction()
E. getUserTransaction()
Correct Answers: E

8: Which is a responsibility of the EJB 2.0 container, with respect to session beans?
A. invoking the setSessionContext method
B. invoking the home interface create method
C. implementing a class that implements javax.ejb.SessionBean
D. implementing an afterBegin method, if declared in the bean's remote interface
Correct Answers: A

9: Which statement is true about BOTH stateful session beans and stateless session beans?
A. Bean instances are not required to survive container crashes.
B. The container passivates them using the ejbPassivate / ejbActivate methods.
C. Any bean instance must be able to handle concurrent invocations from different threads.
D. A bean with bean-managed transactions must commit or roll back any transaction before returning from a business method.

Correct Answers: A

10: Which two are requirements for a session bean's local component interface? (Choose two.)
A. The interface must extend the javax.ejb.EJBObject interface.
B. Method arguments and return types must follow the rules for RMI/IIOP.
C. The Bean Provider must define one or more create<METHOD> methods.
D. Each business method must have a matching method in the session bean's class.
E. All methods' throws clauses must not include the java.rmi.RemoteException.

Correct Answers: D E