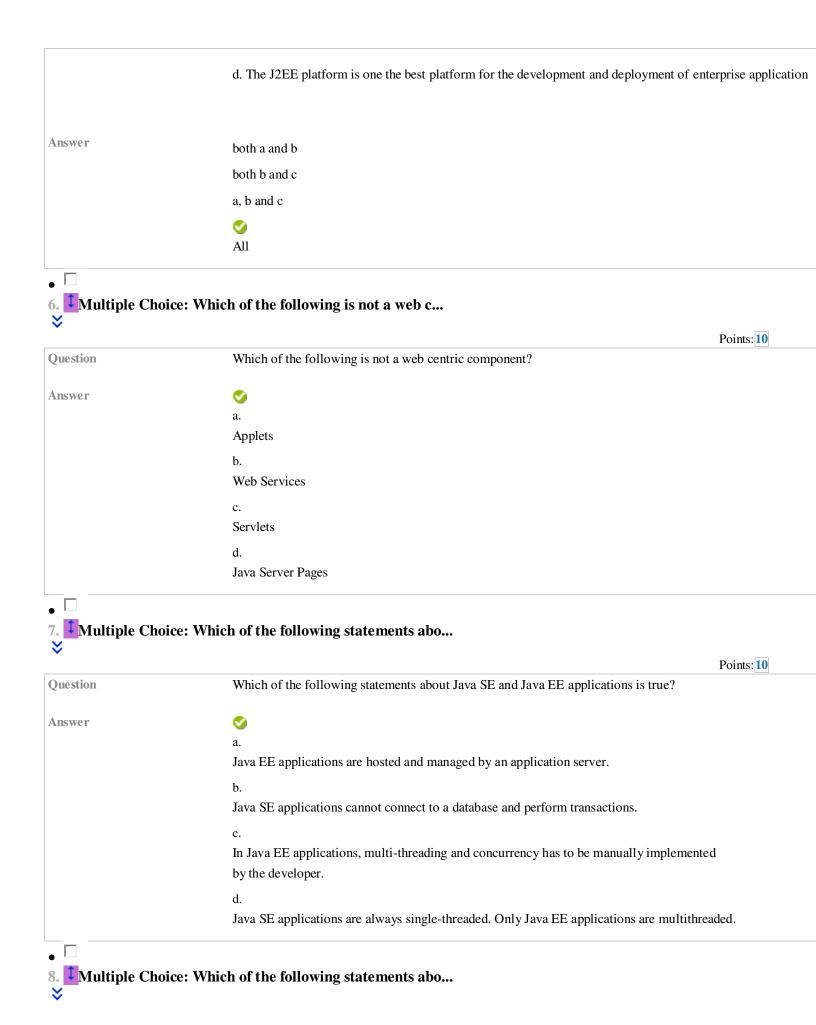
1. Multiple Cho	oice: J2EE is an extended version of	
*		
Question	IOEE is an automated consists of	Points: 10
Question	J2EE is an extended version of	
Answer		
	a.	
	J2SE	
	b.	
	J2ME	
	C.	
	J2SM	
	d.	
	J2MM	
П		
2.	oice: EJB applications utilize the	
× with the Cho	orce: E.J.b applications utilize the	
•		Points: 10
Question	EJB applications utilize the to look up for references to utilize all F	EJB-based functionality.
Answer		
	a.	
	JNDI	
	b.	
	Remote EJB interfaces	
	C.	
	Home EJB interfaces	
	d.	
	EJB JavaBeans	
	Continue EE also Long Endormatic Edition	
3. Multiple Cho	oice: java EE, the Java Enterprise Edition,	
•		Points: 10
Question	java EE, the Java Enterprise Edition, is	
	· · · · · · · · · · · · · · · · · · ·	
Answer	a.	
	an improved version of the Java Standard Edition for business professionals.	
	⊘	
	b.	
	a development environment, designed for creating enterprise applications.	
	c.	

```
a replacement of the Java Virtual Machine for running internet applications
. \square
4. Multiple Choice: Given this pom.xml file, 1 refers to&...
                                                                                                            Points: 10
Question
                             Given this pom.xml file, 1 refers to
                             <?xml version="1.0"?>
                              maven.apache.org/xsd/maven-4.0.0.xsd"
                                      xmlns="http://maven.apache.org/POM/4.0.0"
                                      xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
                               <modelVersion>4.0.0</modelVersion>
                               <groupId>com.redhat.training</groupId>①
                               <artifactId>example</artifactId>0
                               <version>0.0.1</version>0
                               <packaging>war</packaging>
                               <name></name>
                                <dependencies>0
                                 <dependency>
                                   <groupId>org.richfaces.ui</groupId>
                                   <artifactId>richfaces-components-ui</artifactId>
                                   <version>4.0.0.Final
                                 </dependency>
                             0
Answer
                             The Packaging method
                             b.
                             The Project Name
                             C.
                             The Java Package
                             d.
                             The Project Version
5. • Multiple Choice: Which of the following is/are true ab...
                                                                                                            Points: 10
Question
                             Which of the following is/are true about J2EE?
                             a. J2EE stands for Java 2 Enterprise Edition
                             b. J2EE is an environment for developing and deploying enterprise applications
                             c. J2EE specification is defined by Sun Microsystems Inc
```

a platform for enterprise class level, distributed application.

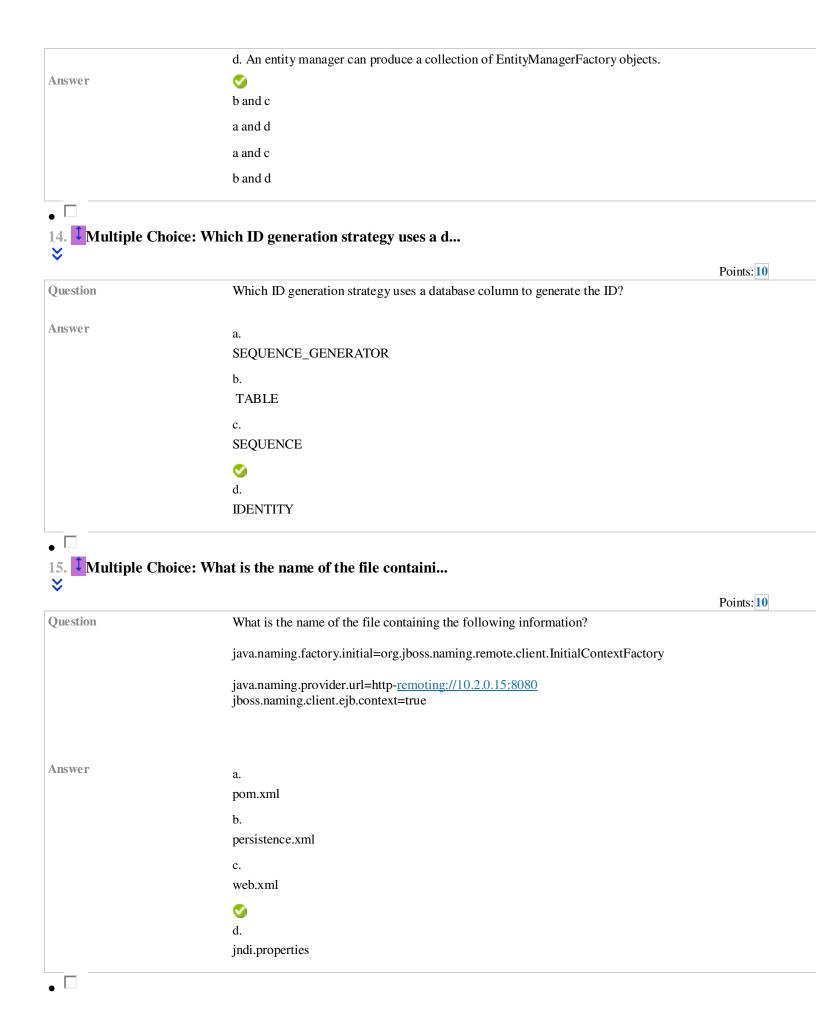


Question Which of the following statements about containers in an application server is true? Answer a. There must only be one container in an application server. Multiple containers within a single application server The containers can only read XML deployment descriptors in deployments. Code-level annotations are not su 0 c. Application components can declaratively configure security in XML deployment descriptors or code-level a The EJB container must be run separately, outside of the application server. The application server only supp • 🗆 9. • Multiple Choice: Which of the following is responsible... Points: 10 Question Which of the following is responsible to maintain the state of Session Beans: Answer a. Stateless 0 Stateful Singleton d. Message Driven • 🗆 Multiple Choice: Session Beans can be accessed from Points: 10 Question Session Beans can be accessed from Answer a. Remote Java clients b. Web Services Clients Components running in same server

d.

All of the Above

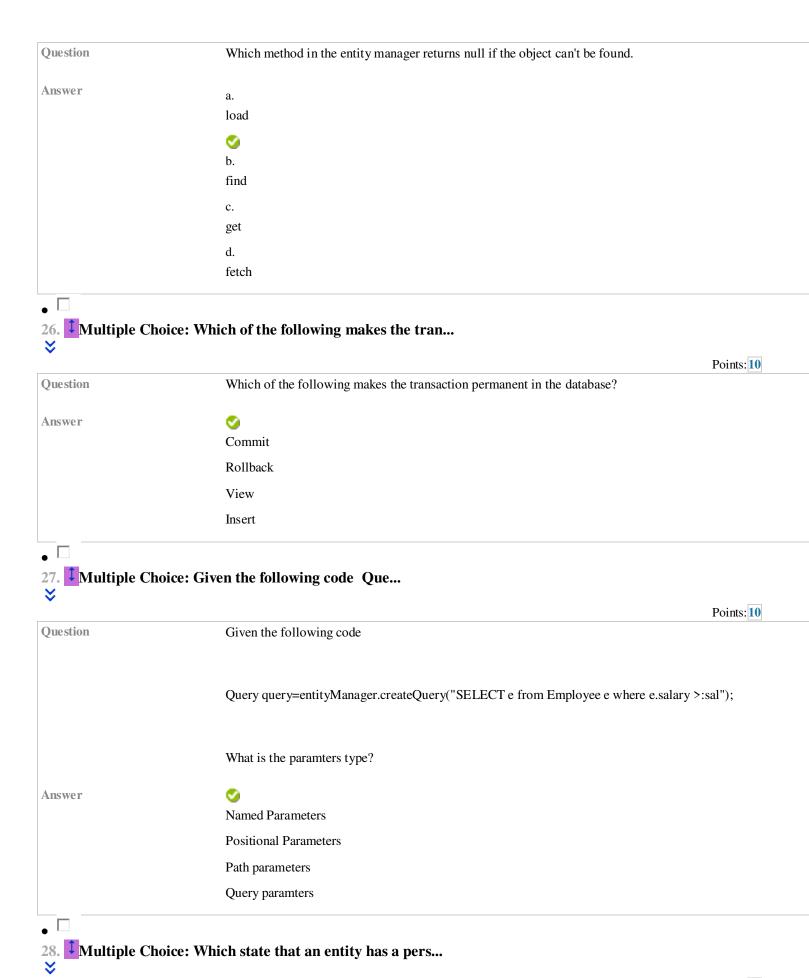
*	Points: 10
Question	The container invokes the methods on newly constructed bean instances after completion of al
	dependency injection and before first business method is invoked on the enterprise bean
Answer	
	a. @PostConstruct
	b.
	@PreDestroy
	c.
	@PreActivate
	d.
	@PostPassivate
2.	noice: Which is the method for Message Drive Points: 10
Question	Which is the method for Message Driven Beans?
Answer	
	a.
	onmessage()
	b.
	onMessage()
	c. Meassage()
	d. getMessage()
	gen storage ()
,└─ 3. <mark>↓</mark> Multiple Ch	noice: Which of the following two statements
*	Points: 10
Question	Which of the following two statements are correct about the entity manager? (Choose two.)
	a. Entity manager objects are mapped to the rows in a database table.
	b. An entity manager performs actual Create, Read, Update and Delete (CRUD) operations
	on an entity.
	c. An entity manager has a persistence context associated with it.

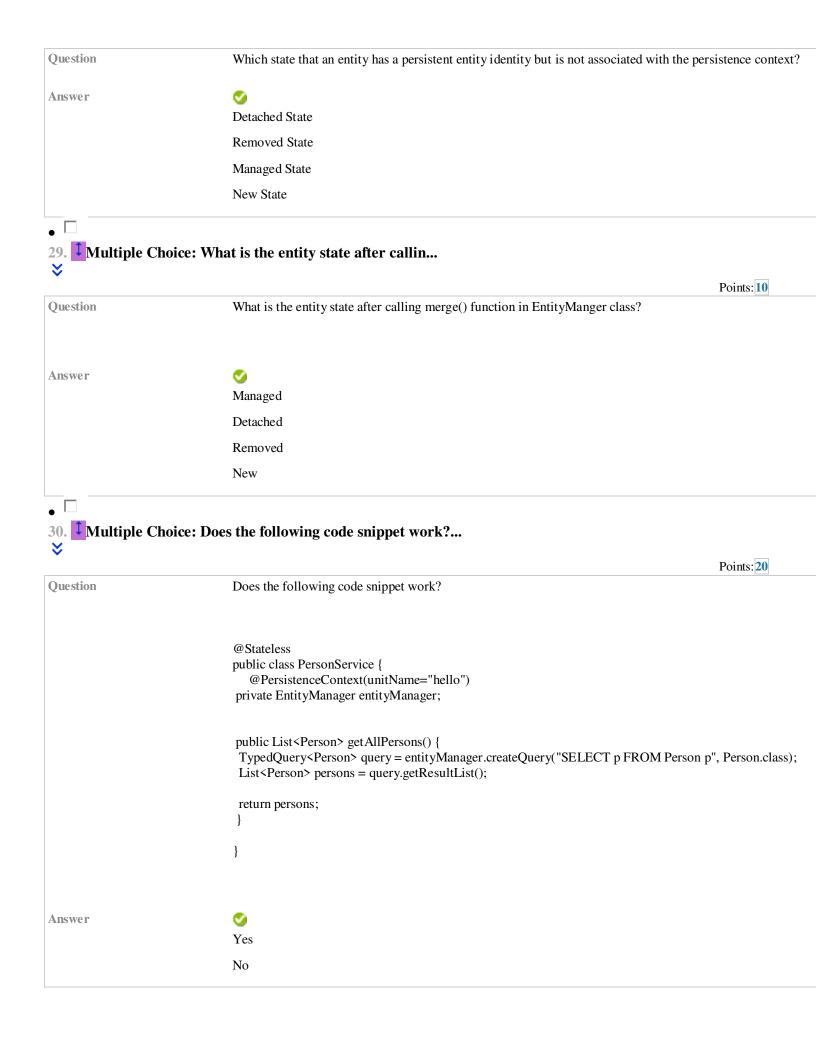


16. <mark>↓</mark> Multiple Choice: Tl ※	he problem which arises because of t
•	Points: 10
Question	The problem which arises because of the differences between model of programming language and
	model of database is classified as
answer	a.
	modeling mismatch
	b. referencial mismatch
	c. dependence mismach
	d.
	impedance mismatch
	in java means storing data
7. ™ Multiple Choice: ✓	in java means storing data
	Points: 10
uestion	in java means storing data in a RDBMS.
nswer	
	a.
	Persistence
	b.
	ORM
	c.
	Mapping
	d.
	COM
	represents persist
*	Points: 10
Question	represents persistence annotations which helps you to define mapping metadata.
nswer	
	a.
	JPA
	b.
	EJB
	Ç.

	ORM	
	d.	
	JSF	
_	siene war Augustian Adduithedan and the mani	
19. ↓ Multiple Ch	oice: non-transient attributes are the vari	
•		Points: 10
Question	non-transient attributes are the varibale that don't map to feilds in db tables	
Answer	True	
	False	
	sizes IN DMT. The developer has to manually	
20. ↓ Multiple Ch ⋄	oice: IN BMT, The developer has to manually	
•		Points: 10
Question	IN BMT, The developer has to manually commit and rollback transactions if there is	an exception or a failur
Answer		
	True	
	False	
_ <u>_</u>		
• 🖳		
21. <mark>▼</mark> Multiple Ch ※	oice: What is ORM?	
*		Points: 10
Question	What is ORM?	1 omts. 10
· ·	What is ORM.	
Answer		
	a.	
	Object Relation Map	
	b.	
	Object Rate Mapping	
	c.	
	Object Relational Mapping	
	d.	
	Object Relational Mapper	
• 🗀		
22. Multiple Ch ★	oice: The use of a relational database in a	
~		Points: 10
Question	The use of a relational database in a Java EE environment is supported best by	·
-		

Answer a. Bean Managed Persistent Enterprise Entity Beans. b. POJO Entities with annotations and controlled by an implementation of the Java Persistence Architecture. c. Container Managed transactional beans with direct JDBPersistence POJO beans and the specification of SQL in the EJB deployment descriptor. • 🗆 Multiple Choice: Which EJB usually represents persiste... Points: 10 Question Which EJB usually represents persistent data? Answer a. **Entity Beans** b. Stateless Session Bean Stateleful Session Bean d. Message-Driven Beans • [24. • Multiple Choice: Hibernate selects the generation stra... Points: 10 Question Hibernate selects the generation strategy based on the used dialect, Answer GenerationType.AUTO GenerationType.IDENTITY GenerationType.SEQUENCE d. GenerationType.TABLE 25. • Multiple Choice: Which method in the entity manager re...





Points: 20

```
Question
                                Does the following code snippet work?
                                @Stateless
                                @NamedQuery(
                                name="getAllPersonsWithName", query="select p from Person p where p.name = :pname")
                                public class PersonService {
                                 @PersistenceContext(unitName="hello")
                                private EntityManager entityManager;
                                 public List<Person> getPersonsWithName(String name) {
                                  TypedQuery<Person> query = entityManager.createNamedQuery("getAllPersonsWithName", Person.class
                                  query.setParameter("pname", name);
                                  return query.getResultList();
Answer
                                No
                                Yes
. \square
```

32. Multiple Choice: Given this database table declaration...

				Points: 20
Question	Given this datab " em.persist(co t CREATE TABI (urse)"	hat is the output of the the	following Java Code after calling the
	id int,			
	course_name va	rchar(255),		
	course_descripti	on varchar(255)		
);			
	// database rows			
	id	course_name	num_of_students	
	1	Math	200	
		1		

id	course_name	num_of_students
1	Math	200
1	OS	300

@Entity

public class Course {

```
@Id
                                   private int id;
                                   private String courseName;
                                   private String courseDescription;
                                 }
                                 public class CourseService{
                                   @Inject
                                   EntityManager em;
                                   public void saveCourse(Course course)
                                      em.persist(course);
                                 }
Answer
                                 A Syntax Error
                                 b.
                                 A new course is added to the database
                                 c.
                                 An exception is thrown
                                 d.
                                 Nothing will happen
•
```

33. Multiple Choice: Does the following code snippet work?...

Points: 20

```
Does the following code snippet work?

public List<Employee> getAllPersons(double salary, String name, Integer age) {
    TypedQuery<Employee> query=entityManager.createQuery("SELECT e from Employee e
    where e.salary >?1 or e.empName=?2 and e.ge > :age", Employee.class);
    query.setParameter(1, salary);
    query.setParameter(2, name);

query.setParameter("age", ageame);

return query.getResultList();
}

Answer

✓
```

