**JPA & HIBERNATE QUIZ**

**1.Which method is used to persist the change of state of a detached entity?**

1. update()
2. **saveOrUpdate()**
3. merge().

**2.Which of the following method returns null when the given Id is invalid?**

1. **get()**
2. load().

**3.Which method is used to update the state of the given instance from the underlying database?**

1. Session.store()
2. Session.keep()
3. **Session.update().**
4. Session.load()

**4.Which of the following mapping element has column attribute?**

1. <one-to-one>
2. <one-to-many>
3. **<many-to-one>.**

**5.What is the return type of the save() method of Session?**

1. void
2. **Serializable.**
3. Object

**6.JPA implementation is provided by ---?**

1. **Hibernate**
2. Toplink
3. Ibatis
4. All of them.

**7.Which of the following annotation is applied on the unique Id of an entity to get its value generated?**

1. @Generator
2. **@GeneratedValue.**

**8.Which of the following is not a mandatory annotation for an entity class?**

1. @Entity
2. **@Table.**
3. @Id

**9.What is the JPA equivalent of hibernate.cfg.xml file?**

1. configuration.xml
2. **persistence.xml.**
3. jpa.configuration.xml

**10.Which of the following Is-A mapping, requires discriminator column?**

1. Single Table Mapping.
2. **Joined Table Mapping**
3. Table Per Class Mapping

**11.Which annotation is used to link two tables through a relation table?**

1. @RelationTable
2. **@JoinTable.**
3. @LinkTable

**12.Which annotation is used to create Pk-Fk relation b/w two tables?**

1. @**JoinColumn.**
2. @ForeignKey
3. @JoinedKey

13. **What's true about the following @Entity association between House and Window?**

**@Entity**

**public class Window {**

**@Id**

**private int winNo;**

**@ManyToOne**

**private House aHouse;**

**}**

**@Entity**

**public class House {**

**@Id**

**private int houseNo;**

**@OneToMany(mappedBy="aHouse")**

**private List windows;**

**}**

1. It's OneToMany unidirectional association
2. **It's OneToMany bidirectional association.**
3. The association owner is the House class
4. The association owner is the Window class

**14. What is TRUE about the cascading and cascade mode attributes in Entity Beans?**

1. Cascade mode attributes can be specified for the association annotations (like @OneToMany) in an entity bean.
2. **The cascading direction is from the target entity to the source entity**
3. PERSIST, DELETE and REFRESH are cascading mode attributes
4. Refresh cascade causes to refresh the target entities of a relationship when refresh is invoked on the source entity of the relationship

**15. What is the JPA equivalent of hibernate.cfg.xml file?**

1. configuration.xml
2. **persistence.xml.**
3. jpa.configuration.xml
4. None