**JPA & HIBERNATE QUIZ**

Options in RED colour stand for selected choice for answer

**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