*00Q 1 - Which of the following is not a core component of Hibernate?*

[*A - JDBC*](javascript:void(0);)

[*B - SessionFactory*](javascript:void(0);)

[*C - Session*](javascript:void(0);)

[*D - Configuration*](javascript:void(0);)

*Ans : A*

*Explaination*

*JDBC is not a core component of Hibernate.*

*Q 2 - Is SessionFactory a thread-safe object?*

[*A - True*](javascript:void(0);)

[*B - False*](javascript:void(0);)

*Ans: A*

*Explanation: SessionFactory is a thread-safe object. Multiple threads can access it simultaneously*

*Q 3 - Which of the following element is used to represent many-to-many relationship in hibernate?*

[*A - <many-to-many>*](javascript:void(0);)

[*B - <many-many>*](javascript:void(0);)

[*C - <ManyToMany>*](javascript:void(0);)

[*D - None of the above.*](javascript:void(0);)

### *Answer : A*

### *Explaination*

*<many-to-many> element is used to define many-to-many association.*

*Q 4- which of the following are the ORM implementers?*

*A-Hibernate*

*B-OpenJPA*

*C-JPA*

*D-Toplink*

*Ans-A&B*

*Q 5-Which of the following methods are used to complete the Transaction?*

*A-EntityManeger.commit()*

*B - EntityManeger.getTransaction.commit()*

*C-- EntityManeger.getTransaction.rollback()*

*D-All of the Above*

*Ans-B&C*

*Q 6-Persistance configuration “Persistance.xml” file must be saved under META-INF folder?*

*A-True*

*B-False*

*Ans-True*

*Q 7- What are the advantages of JPA ?*

*A-Database Independent*

*B-Concurrency Support*

*C-Easy maintenance and Increases Productivity*

*D-All the above*

*Ans-D*

*Q 8-Which of the following are elements in persistence.xml?*

*A-<persistence-unit>*

*B-<class>*

*C-<hibernate>*

*D-opengi*

*Ans-A&B*

*Q-9 Choose the correct instance states of persistent class?*

*A-Managed*

*B-New*

*C-Detached*

*D-Removed*

*E-All the above*

*Ans-E*

*Q-10 What is the use of EntityManagerFactory class?*

*A-Designed to create EntityManager*

*B- Designed to create Persistance*

*C-Responsible for creating EntityManager Instance.it it obtained using persistence*

*D-Designed to create Entity.*

*Ans-A&C*

*Q 11- what is the correct statement for @Entity?*

*A-This annotation marks the class as an entity bean*

*B-This annotation marks the bean as primary key*

*C-used to create SEQUENCE column type*

*D-All the above*

*Ans-A*

*Q 12- which of the given below are valid cascade types?*

*A-Detach*

*B-Merge*

*C-Insert*

*D-Remove*

*E-All*

*Ans-A,B,D,E*

*13. In which file database table configuration is stored?*

*a) .dbm*

*b) .hbm*

*c) .ora*

*d) .sql*

*Answer: b*

*Explanation: Database table configuration is stored in .hbm file.*

*14.How many types of association mapping are possible in hibernate?*

*a) 2*

*b) 6*

*c) 3*

*d) 4*

*Answer:*

*There can be 4 types of association mapping in hibernate.*

*One to One*

*One to Many*

*Many to One*

*Many to Many*

*15. Which element of hbm.xml is used to map a Java class property to a column in the database table?*

*A) id*

*B) generator*

*C) property*

*D) class*

*Answer : C*

*Explaination*

*The <property> element is used to map a Java class property to a column in the database table.*

*16. Which of the following is not a core interface of Hibernate?*

*a) Configuration*

*b) Criteria*

*c) SessionManagement*

*d) Session*

*Answer: c*

*Explanation: SessionManagement is not a core interface of Hibernate. Configuration, Criteria, SessionFactory, Session, Query and Transaction are the core interfaces of Hibernate.*

*17. Which of the following methods returns proxy object?*

*a) loadDatabase()*

*b) getDatabase()*

*c) load()*

*d) get()*

*Answer: c*

*Explanation: load() method returns proxy object. load() method should be used if it is sure that instance exists.*

*18. Which of the following methods hits database always?*

*a) load()*

*b) loadDatabase()*

*c) getDatabase()*

*d) get()*

*Answer: d*

*Explanation: get() method hits database always. Also, get() method does not return proxy object.*

*19. Which of the following method is used inside session only?*

*a) merge()*

*b) update()*

*c) end()*

*d) kill()*

*Answer: b*

*Explanation: update() method can only be used inside session. update() should be used if session does not contain persistent object.*

*20. Which of the following is not a state of object in Hibernate?*

*a) Attached()*

*b) Detached()*

*c) Persistent()*

*d) Transient()*

*Answer: a*

*Explanation: Attached() is not a state of object in Hibernate. Detached(), Persistent() and Transient() are the only states in Hibernate.*

*21. Which of the following is not an inheritance mapping strategies?*

*a) Table per hierarchy*

*b) Table per concrete class*

*c) Table per subclass*

*d) Table per class*

*Answer: d*

*Explanation: Table per class is not an inheritance mapping strategies.*

*22. Which of the following is not an advantage of using Hibernate Query Language?*

*a) Database independent*

*b) Easy to write query*

*c) No need to learn SQL*

*d) Difficult to implement*

*Answer: d*

*Explanation: HQL is easy to implement. Also, to implement it HQL it is not dependent on database platform.*

*23. Which of the following is not an advantage of Hibernate Criteria API?*

*a) Allows to use aggregate functions.*

*b) Cannot order the result set.*

*c) Allows to fetch only selected columns of result.*

*d) Can add conditions while fetching results.*

*Answer: b*

*Explanation: addOrder() can be used for ordering the results.*

**Q 24** - Which method is used to save the state of the given instance from the underlying database?

[**A** - Session.store()](javascript:void(0);)

[**B** - Session.keep()](javascript:void(0);)

**C** - Session.save()

[**D** - Session.load()](javascript:void(0);)

### Answer : C

### Explaination

Session.save saves the state of the given instance from the underlying database.

**Q 25** - You would need one SessionFactory object per database using a separate configuration file.

[**A** - false](javascript:void(0);)

**B** - true

### Answer : B

### Explaination

You would need one SessionFactory object per database using a separate configuration file.