

Unit Test -8

Topic: JPA and Hibernate

Max Marks :30

1. In which of the following applications JPA can be implemented

- A DeskTop Applications
- B WebApplications
- C EnterpriseApplications
- D All the above

2 \_\_\_\_\_interface has methods like persist,merge,remove,update etc.

- A EnityManagerFactory
- B PersistenceContext
- C EntityManager
- D Query

3 \_\_\_\_\_object is returned in the following statement.

entityManager.createQuery(“select c from Customer c”);

- A Object
- B List
- C Query
- D ResultSet

4 \_\_\_\_\_object is returned in the following statement.

entityManager.createQuery(“select c.name from Customer c where  
c.custId=12”);

- A Object
- B List
- C Query
- D String

5 \_\_\_\_\_ method deletes a record from the table in JPA

- A remove
- b createQuery
- c createNativeQuery

d All the above

6 \_\_\_\_\_API helps in registering and looking up of Objects.

A JNDI

B JTA

C JMS

D JCA

7 In Which of the following strategies of inheritance mapping normalization of tables are not done.

A Single Table B Table per concrete class c Table per subclass (join)

8 In Which of the following queries the JPQL Statement is precompiled and reused.

A SimpleQuery

B NativeQuery

C NamedQuery

9

@Temporal is used for mapping which of the following data types.

A Date

B Image

C Calendar

D Large text

10

Is a relationship in java can be mapped in JPA using which of the following .

A OnetoOne b OnetoMany c ManyToMany d Single Table

11

In Hibernate mapping of the table and fields can be done using which of the following:

A Annotations

B hbm file

- C      cfg.xml file
- D      All the above

12

Which of the following property helps in creating database relevant SQL Statements.

- A      hibernate.dialect
- B      hibernate.connection\_pool
- C      hibernate.connection.datasource
- D      hibernate.database

13

Which of the following methods are used to add a record to a table.

- A      persist
- B      save
- C      saveOrUpdate
- D      All these

14

HibernateSessionFactory is based on \_\_\_\_\_ design pattern.

- A      Observer                      b MVC                      c      Singleton      d      Facade

15

Which element in hbm file maps the primary key.

- A      generator-class
- B      id
- C      primary-key
- D      none of the above

16

Which of the collection when mapped requires an additional field to store the index.

- A      Set                      b      Map                      c      List                      d      Array

17

Which of the following helps in setting a restriction while retrieving recordset from a database.

- A Query      b Criteria      c SQLQuery      d NamedQuery

18

18

When a collection is mapped inside an entity what type of relationship can this be

- A onetomany      b onetoone      c IS a

19

Which Exception is thrown by save and persist methods.

- A IOException  
B Some Other Checked Exception  
C HibernateException  
D NoResultException

20

Which of the following methods can be used to locate a record based on Primary key in hibernate.

- A get  
B find  
C fetch  
D getRecord

21

List Down advantages of using JPA.      ( 5 points)      5 marks

22

What is an application Server.Explain      5 marks