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