HIBERNATE MOCK TEST
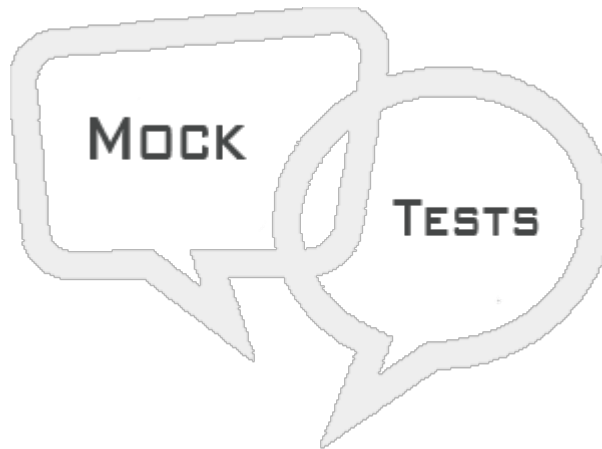
This section presents you various set of Mock Tests related to **Hibernate Framework**. You can download these sample mock tests at your local machine and solve offline at your convenience. Every mock test is supplied with a mock test key to let you verify the final score and grade yourself.

HIBERNATE MOCK TEST I

Q 1 - What JDBC stands for?

A - Java DB Connectivity

B - Java Database Connectivity

C - Java Data Bind Connect

D - Java Data Bind Connector

Q 2 - Which of the following is true about JDBC?

A - JDBC stands for Java Database Connectivity.

B - JDBC provides a set of Java API for accessing the relational databases from Java program.

C - JDBC APIs enables Java programs to execute SQL statements and interact with any SQL compliant database.

D - All of the above.

Q 3 - What ORM stands for?

A - Object Relation Map

B - Object Relational Mapping

C - Object Record Mapping

D - None of the above.

Q 4 - Which of the following is true about ORM?

A - ORM stands for Object-Relational Mapping.

B - ORM is a programming technique for converting data between relational databases.

C - Both of the above.

D - None of the above.

Q 5 - Which of the following is not an ORM framework?

A - Castor

B - Spring DAO

C - Hibernate

D - NoSQL

Q 6 - Which of the following is true about Hibernate?

A - Hibernate is an Object-Relational Mapping$_{ORM}$ solution for JAVA.

B - Hibernate is an Object-Relational Mapping$_{ORM}$ solution for .NET

C - Both of the above.

D - None of the above.

Q 7 - Which of the following is true about Hibernate?

A - Hibernate takes care of mapping Java classes to database tables using XML files and without writing any line of code.

B - Hibernate provides simple APIs for storing and retrieving Java objects directly to and from the database.

C - Hibernate abstracts away the unfamiliar SQL types and provide us to work around familiar Java Objects.

D - All of the above.

Q 8 - Which of the following database is not supported by Hibernate?

A - DB2/NT

B - MySQL

C - FoundationDB

D - PostgreSQL

Q 9 - Which of the following tools/frameworks provides integration with Hibernate?

A - XDoclet Spring

B - J2EE

C - Maven

D - All of the above.

Q 10 - Which of the following is not a core component of Hibernate?

A - JDBC

B - SessionFactory

C - Session

D - Configuration

Q 11 - Which of the following is not a core component of Hibernate?

A - Transaction

B - Provider

C - Criteria

D - Query

Q 12 - Which of the following is true about configuration component of Hibernate?

A - The Configuration object is the first Hibernate object you create in any Hibernate application.

B - The Configuration object is usually created only once during application initialization.

C - The Configuration object represents a configuration or properties file required by the Hibernate.

D - All of the above.

Q 13 - Which of the following object is used to create SessionFactory object in hibernate?

A - Configuration

B - Session

C - SessionFactory

D - Transaction

Q 14 - Which of the following is true about SessionFactory object in hibernate?

A - SessionFactory object configures Hibernate for the application using the supplied configuration file.

B - SessionFactory object allows for a Session object to be instantiated.

C - The SessionFactory is a thread safe object.

D - All of the above.

Q 15 - Which of the following is true about SessionFactory object in hibernate?

A - The SessionFactory is heavyweight object.

B - SessionFactory object is created during application start up and kept for later use.

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

D - All of the above.

Q 16 - Which of the following is true about Session object in hibernate?

A - A Session is used to get a physical connection with a database.

B - The Session object is lightweight.

C - Persistent objects are saved and retrieved through a Session object.

D - All of the above.

Q 17 - Is SessionFactory a thread-safe object?

A - true

B - false

Q 18 - Is Session a thread-safe object?

A - true

B - false

Q 19 - Which of the following is true about Transaction object in hibernate?

A - A Transaction represents a unit of work with the database.

B - Transactions in Hibernate are handled by an underlying transaction manager.

C - This is an optional object and Hibernate applications may choose not to use this interface, instead managing transactions in their own application code.

D - All of the above.

Q 20 - Which of the following is true about Query object in hibernate?

A - Query objects Hibernate Query Language HQL string to retrieve data from the database and create objects.

B - Query objects SQL string to retrieve data from the database and create objects.

C - A Query instance is used to bind query parameters, limit the number of results returned by the query, and finally to execute the query.

D - All of the above.

Q 21 - Which of the following is true about hibernate.dialect property in hibernate configuration?

A - This property makes Hibernate generate the appropriate SQL for the chosen database.

B - This property makes Hibernate generate the appropriate java code for the chosen database.

C - Both of the above.

D - None of the above.

Q 22 - Which of the following is true about transient state of a persistent entity?

A - A new instance of a persistent class which is not associated with a Session.

B - A new instance of a persistent class which has no representation in the database.

C - A new instance of a persistent class which has no identifier value.

D - All of the above.

Q 23 - Which of the following is true about persistent state of a persistent entity?

A - You can make a transient instance persistent by associating it with a Session.

B - A persistent instance has a representation in the database.

C - A persistent instance has an identifier value.

D - All of the above.

Q 24 - Which of the following is true about detached state of a persistent entity?

A - Once we close the Hibernate Session, the persistent instance will become a detached instance.

B - A new instance of a persistent class which is not associated with a Session.

C - You can make a transient instance detached by associating it with a Session.

D - None of the above.

Q 25 - Session.beginTransaction method begins a unit of work and returns the associated Transaction object.

A - true

B - false

ANSWER SHEET

Question Number	Answer Key
1	B
2	D
3	B
4	C
5	D
6	A

7	D
8	C
9	D
10	A
11	B
12	D
13	A
14	D
15	D
16	D
17	A
18	B
19	D
20	D
21	A
22	D
23	D
24	A
25	A

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