**Q 1** - What JDBC stands for?

[**A** - Java DB Connectivity](javascript:void(0);)

[**B** - Java Database Connectivity](javascript:void(0);)

[**C** - Java Data Bind Connect](javascript:void(0);)

[**D** - Java Data Bind Connector](javascript:void(0);)

Ans:B

**Q 2** - Which of the following is true about SessionFactory object in hibernate?

[**A** - SessionFactory object configures Hibernate for the application using the supplied configuration file.](javascript:void(0);)

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

[**C** - The SessionFactory is a thread safe object.](javascript:void(0);)

[**D** - All of the above.](javascript:void(0);)

Ans:D

**Q 3** - 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.](javascript:void(0);)

[**B** - This property makes Hibernate generate the appropriate java code for the chosen database.](javascript:void(0);)

[**C** - Both of the above.](javascript:void(0);)

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

Ans:A

**Q 4** - 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()](javascript:void(0);)

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

Ans:C

**Q 5** - Which of the following element maps java.util.Map property in hibernate?

[**A** - <set>](javascript:void(0);)

[**B** - <list>](javascript:void(0);)

[**C** - <bag>](javascript:void(0);)

[**D** - <map>](javascript:void(0);)

Ans:D

**Q 6** - What is the difference between get() and load() methods of session object?

[**A** - get() returns null if no data is present where as load throws ObjectNotFoundException exception in such case.](javascript:void(0);)

[**B** - get() always hits the database whereas load() method doesn't hit the database.](javascript:void(0);)

[**C** - get() returns actual object whereas load() returns proxy object.](javascript:void(0);)

[**D** - All of the above.](javascript:void(0);)

ANs:D

**Q 7** - What is second level cache in hibernate?

[**A** - The second-level cache is the SessionFactory based cache and is mainly responsible for caching objects across sessions.](javascript:void(0);)

[**B** - The second-level cache is the Session based cache.](javascript:void(0);)

[**C** - Both of the above.](javascript:void(0);)

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

Ans:A

**Q 8** - Which of the following is true with respect to ORM vs JDBC?

[**A** - ORM system lets business code access objects rather than DB tables.](javascript:void(0);)

[**B** - ORM system hides details of SQL queries from OO logic.](javascript:void(0);)

[**C** - ORM system helps in Transaction management and automatic key generation.](javascript:void(0);)

[**D** - All of the above.](javascript:void(0);)

ANs:D

**Q 9** - Configuration object is used to create SessionFactory object in hibernate.

[**A** - true](javascript:void(0);)

[**B** - false](javascript:void(0);)

ANS:A

**Q 10** - Which of the following is true about @Column annotation?

[**A** - The @Column annotation is used to specify the details of the column to which a field or property will be mapped.](javascript:void(0);)

[**B** - The @Column annotation is applied on a class.](javascript:void(0);)

[**C** - Both of the above.](javascript:void(0);)

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

Ans:A

**Q 11** - What ORM stands for?

[**A** - Object Relation Map](javascript:void(0);)

[**B** - Object Relational Mapping](javascript:void(0);)

[**C** - Object Record Mapping](javascript:void(0);)

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

Ans:B

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

[**A** - true](javascript:void(0);)

[**B** - false](javascript:void(0);)

Ans:B

**Q 13** - Session.createQuery creates a new instance of Query for the given HQL query string.

[**A** - true](javascript:void(0);)

[**B** - false](javascript:void(0);)

Ans:A

**Q 14** - Which element of hbm.xml defines maps the unique ID attribute in class to the primary key of the database table?

[**A** - id](javascript:void(0);)

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

[**C** - primaryKey](javascript:void(0);)

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

Ans:A

**Q1 5** - Which of the following element maps java.util.SortedMap property in hibernate?

[**A** - <set>](javascript:void(0);)

[**B** - <list>](javascript:void(0);)

[**C** - <bag>](javascript:void(0);)

[**D** - <map>](javascript:void(0);)

Ans::D

**Q 16** - Which of the following situation represents many-to-many relationship?

[**A** - An employee can have multiple certificates and same certificate can be conferred to many employees.](javascript:void(0);)

[**B** - An employee can have multiple certificates.](javascript:void(0);)

[**C** - A certificate can be conferred to many employees.](javascript:void(0);)

[**D** - All of the above.](javascript:void(0);)

Ans:A

**Q 17** - Is first level caching mandatory in hibernate?

[**A** - true](javascript:void(0);)

[**B** - false](javascript:void(0);)

Ans:A

**Q18** - Which of the following is true about hibernate?

[**A** - Hibernate does not require an application server to operate.](javascript:void(0);)

[**B** - Hibernate manipulates Complex associations of objects of your database.](javascript:void(0);)

[**C** - Hibernate minimize database access with smart fetching strategies.](javascript:void(0);)

[**D** - All of the above.](javascript:void(0);)

Ans:D

**Q 19** - Which of the following is true about @Entity annotation?

[**A** - @Entity annotation marks a class as an entity bean.](javascript:void(0);)

[**B** - Class marked with @Entity annotation must have a no-argument constructor that is visible with at least protected scope.](javascript:void(0);)

[**C** - Both of the above.](javascript:void(0);)

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

ANs:C

**Q 20** - Which of the following is true about @Column annotation?

[**A** - The @Column annotation is used to specify the details of the column to which a field or property will be mapped.](javascript:void(0);)

[**B** - The @Column annotation is applied on a class.](javascript:void(0);)

[**C** - Both of the above.](javascript:void(0);)

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

Ans:A

**Q 21** - Which of the following is true about JDBC?

[**A** - JDBC stands for Java Database Connectivity.](javascript:void(0);)

[**B** - JDBC provides a set of Java API for accessing the relational databases from Java program.](javascript:void(0);)

[**C** - JDBC APIs enables Java programs to execute SQL statements and interact with any SQL compliant database.](javascript:void(0);)

[**D** - All of the above.](javascript:void(0);)

Ans:D

**Q22** - Which of the following is true about Session object in hibernate?

[**A** - A Session is used to get a physical connection with a database.](javascript:void(0);)

[**B** - The Session object is lightweight.](javascript:void(0);)

[**C** - Persistent objects are saved and retrieved through a Session object.](javascript:void(0);)

[**D** - All of the above.](javascript:void(0);)

ANs:D

**Q 23** - Session.createSQLQuery creates a new instance of Query for the given SQL query string.

[**A** - true](javascript:void(0);)

[**B** - false](javascript:void(0);)

Ans:A

**Q24** - Which method is used to save or update the state of the given instance from the underlying database?

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

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

[**C** - Session.update()](javascript:void(0);)

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

ANs:A

**Q 25** - Which element of hbm.xml is used to map a Java class property to a column in the database table?

[**A** - id](javascript:void(0);)

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

[**C** - property](javascript:void(0);)

[**D** - class](javascript:void(0);)

Ans:C

**Q 26** - Which of the following element is used to represent one-to-one relationship in hibernate?

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

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

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

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

ANs:A

**Q27** - What HQL stands for?

[**A** - Hibernate Query Language](javascript:void(0);)

[**B** - High Query Language](javascript:void(0);)

[**C** - Hybrid Query Language](javascript:void(0);)

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

Ans:A

**Q 28** - Which of the following is true about hibernate?

[**A** - Hibernate does not require an application server to operate.](javascript:void(0);)

[**B** - Hibernate manipulates Complex associations of objects of your database.](javascript:void(0);)

[**C** - Hibernate minimize database access with smart fetching strategies.](javascript:void(0);)

[**D** - All of the above.](javascript:void(0);)

ANs:D

**Q 29** - A Session is used to get a physical connection with a database.

[**A** - true](javascript:void(0);)

[**B** - false](javascript:void(0);)

ANs:A

**Q 30** - Which of the following is true about HQL?

[**A** - Hibernate supports named parameters in its HQL queries.](javascript:void(0);)

[**B** - HQL supports a range of aggregate methods, similar to SQL.](javascript:void(0);)

[**C** - Both of the above.](javascript:void(0);)

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

Ans:C

**Q 31** - Which of the following is true about ORM?

[**A** - ORM stands for Object-Relational Mapping.](javascript:void(0);)

[**B** - ORM is a programming technique for converting data between relational databases.](javascript:void(0);)

[**C** - Both of the above.](javascript:void(0);)

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

ANs:C

**Q 32** - Is Session a thread-safe object?

[**A** - true](javascript:void(0);)

[**B** - false](javascript:void(0);)

Ans:B

**Q 33** - Session.createSQLQuery creates a new instance of Query for the given HQL query string.

[**A** - true](javascript:void(0);)

[**B** - false](javascript:void(0);)

Ans:B

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**Q34** - Which of the following is the root node of hbm.xml file?

[**A** - hibernate-mapping](javascript:void(0);)

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

[**C** - class-mapping](javascript:void(0);)

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

ANs:A

**Q 35** - Which element of hbm.xml is used to map a Java class property to a column in the database table?

[**A** - id](javascript:void(0);)

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

[**C** - property](javascript:void(0);)

[**D** - class](javascript:void(0);)

ANs:C

**Q 36** - 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);)

ANs:A

**Q 37** - What is first level cache in hibernate?

[**A** - The first-level cache is the Session based cache.](javascript:void(0);)

[**B** - The first-level cache is the SessionFactory based cache.](javascript:void(0);)

[**C** - Both of the above.](javascript:void(0);)

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

Ans:A

**Q 38** - Which of the following database is not supported by Hibernate?

[**A** - Oracle](javascript:void(0);)

[**B** - Microsoft SQL Server Database](javascript:void(0);)

[**C** - FoundationDB](javascript:void(0);)

[**D** - Informix Dynamic Server](javascript:void(0);)

Ans:C

**Q 39** - Persistent objects are saved and retrieved through a Session object.

[**A** - false](javascript:void(0);)

[**B** - true](javascript:void(0);)

Ans:B

**Q 40** - length attribute of @Column annotation permits the size of the column used to map a value particularly for a String value.

[**A** - false](javascript:void(0);)

[**B** - true](javascript:void(0);)

Ans:B