

Hibernate Quiz without keys

MCQ

Marks:30

Time:30 mins

Instructions:

- 1.Download the document in the docx/word format
- 2.Highlight your response in yellow color
- 3.Share your complete screen while answering the test
- 4.Record your screen while answering the test
- 5.Upload your response in the pdf format in your folder in the drive
- 6.Evaluate your response on the uploaded copy and update the score-card sheet

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

- a) Configuration
- b) Criteria
- c) SessionManagement**
- d) Session

2. SessionFactory is a thread-safe object.

- a) True**
- b) False

3. Which of the following methods returns a proxy object?

- a) loadDatabase()
- b) getDatabase()
- c) load()**
- d) get()

4. Which of the following methods always hits the database?

- a) load()
- b) loadDatabase()
- c) getDatabase()
- d) get()**

5. Which of the following methods is used inside the session only?

- a) merge()
- b) update()**

- c) end()
- d) kill()

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

- a) Attached()
- b) Detached()
- c) Persistent()
- d) Transient()

7. 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

8. 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

9. In which file database table configuration is stored?

- a) .dbm
- b) .hbm
- c) .ora
- d) .sql

10. Which of the following is true about SessionFactory objects 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.

11. Which element in hibernate maps java.util.SortedMap property ?

- a. <list>
- b. <set>
- c. <map>
- d. <bag>

12. Persistent objects and collections in hibernate are:

- a. Short-lived, single threaded objects

b.Long-lived, multi threaded objects

c.None

d.Both above

13.Session is created per thread in hibernate?

a.True

b.False

14.Is it necessary to use hibernate.cfg.xml for configuration in hibernate?

a.Yes

b.No

15.While creating a SessionFactory in hibernate, which design pattern should be adopted?

a.Singleton

b.Prototype

c.both

d.None

16.Transient and detached objects in hibernate are

a.Instances of persistent classes that are not currently associated with session.

b.Instances of persistent class which are in session.

c.Both

d.None

17.org.hibernate.cfg.Configuration can be used for all configurations and no need for XML.

a.False

b.True

18.Which property is used to configure driver class in hibernate?

a.hibernate.connection.driver_class

b.hibernate.connection.datasource

c.Both

d.None

19.Which property is used to enable auto-commit for JDBC pooled connections?

a.hibernate.hbm2ddl.auto

b.hibernate.connection.autocommit

c.None

d.Both

20.SessionFactory is a thread-safe object.

a.True

b.False

21.Which of the following methods always hits the database always?

- a.load()
- b.loadDatabase()
- c.getDatabase()
- d.get()

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

- a.Attached state
- b.Detached state
- c.Persistent state
- d.Transient state

23.Which of the following is not an inheritance mapping strategy?

- a.table per class hierarchy
- b.table per subclass
- c.table per concrete class
- d.table per class

24.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

25._____object is used to create SessionFactory objects in hibernate?

- a.Session
- b.Configuration
- c.Transaction
- d.Factory

26.In case of Table per Concrete class, there will be three tables in the database having no relations to each other. Which are the ways to map the table?

- a.By union-subclass element
- b.By self-creating the table for each class
- c.Both A & B
- d.None of the above

27.We need to specify @Inheritance(strategy=InheritanceType.JOINED) in the parent class and @PrimaryKeyJoinColumn annotation in the subclasses.

- a.True

b.False

28.Which of the following is FALSE about Session in hibernate?

- a.Session is a lightweight non-thread safe object
- b.can share the session between threads**
- c.Session represents a single unit-of-work with the database
- d.Session is the primary interface for the persistence service

29.Which of these simplifies an Object Relational Mapping tool?

- a.Data creation
- b.Data manipulation
- c.Data access
- d.All mentioned above**

30.Which of the following are most common configuration methods of Hibernate Configuration

- a. XML Configuration hibernate.cfg.xml
- b. Mapping files and XML Configuration hibernate.cfg.xml**
- c. web.config
- d. http.conf