

- 1) SQL ____ can be used to delete or drop existing tables in a SQL schema?
 - a) RENAME TABLE
 - b) CREATE TABLE
 - c) SELECT TABLE
 - d) DROP TABLE**
- 2) Why we use Query?
 - a) A query is use to a request for information or data from a database table or set of tables.
 - b) A query is use to request to tranfer a data server to database tables.
 - c) a and b**
 - d) none
- 3) Which of the following commands is used to delete all rows and free up space from a table?
 - a) Truncate**
 - b) Drop
 - c) Delete
 - d) None
- 4) SQL query is delete student where id=111;
 - a) True
 - b) False**
- 5) SQL query is select id,name,city,salary from student;
 - a) True**
 - b) False
- 6) Which of the following is used to rollback a JDBC transaction?
 - a) rollforward()
 - b) rollback()**
 - c) deleteTransaction()
 - d) RemoveTransaction()
- 7) To execute same query multiple times , which interface should be used ?
 - a) PreparedStatement interface**
 - b) ResultSet interface
 - c) Statement interface
 - d) none
- 8) The Term that must be used to closed all JDBC connectivity
 - a) Statement
 - b) Connection
 - c) Query
 - d) Both A and B**

9) Which of the following is correct about Statement class of JDBC?

- a) pre compiled statement
- b) both A and D
- c) none of the any

d) Statement encapsulates an SQL statement which is passed to the database to be parsed, compiled, planned and executed.

10) Which one of the following contains date information?

- a) java.sql.Time
- b) java.io.Time
- c) java.sql.TimeStamp**
- d) java.io.TimeStamp

11) To execute a statement, we invoke method

- a) executeUpdate method**
- b) executeRel method
- c) executeStmt method
- d) executeConn method

12) Which of the following is correct about PreparedStatement?

- a) Used when you plan to use the SQL statements many times.
- b) The PreparedStatement interface accepts input parameters at runtime.
- c) Both of the above**
- d) None of the above.

13) Given an HttpServletRequest request:

String id = request.getParameter("jsessionid");

How to Get session Object & store the data into session

- a) HttpSession session = request.getSession();
- b) session.setAttribute("id", id);
- c) HttpSession session = request.getSession(true);
- d) both A & B**

14) Can we create more than one web.xml file for one project?

- a) Yes
- b) NO**
- c) None of the Above

15) How can we configure more than one servlet details in one web.xml file?

- a) Using <servlet> Tag
- b) Using <servlet-mapping> tag.
- c) Using <servlet> and <servlet-mapping> tag.**
- d) None

16) Which are life cycle methods in servlet

- a) `init(ServletConfig)` throws `ServletException`, `service(ServletRequest, ServletResponse)` throws `ServletException`, `IOException`, `destroy()`**
- b) `initServlet(ServletConfig)` throws `ServletException`, `doGet(ServletRequest, ServletResponse)` throws `ServletException`, `IOException`, `destroy()`
- c) `init(ServletConfig)` throws `ServletException`, `doGet(ServletRequest, ServletResponse)` throws `ServletException`, `IOException`, `destroyServlet()`
- d) All the Above

17) Which approaches do we have in `RequestDispatcher`?

- a) only `include(-,-)`
- b) only `forward(-,-)`
- c) `include(-,-)` & `forward(-,-)`**
- d) `rdInclude(-,-)`

18) Which are Implicit Objects in a JSP.

- a) only `request`, `response`, `Exception`
- b) `Session`, `request`, `response`, `Exception`**
- c) Only `Application`
- d) none of the above

19) which tag is used in JSP for Declaration?

- a) `<%!%>`**
- b) `<%= %>`
- c) `<%%>`
- d) `<%@ %>`

20) Which of the following JSP Life-Cycle methods can be overridden?

- a) `jspInit()`
- b) `jspDestroy()`
- c) Both (a) and (b)**
- d) None of the above

21) Which of the following is not a core interface of Hibernate?

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

22) Which of the following methods hits database always?

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

23) XML file is use in hibernate for ...?

- a) configure & Connect to table
- b) configure & Connect to DataBase**
- c) All the above
- d) None of the Above

24) Why we use @Entity Annotation in Hibernate...?

- a) Create a DataBase
- b) Create a Table**
- c) a and b
- d) None

25) Hibernate architecture is a factory of session and client of Connection Provider?

- a) SessionFactory**
- b) Session
- c) Transaction
- d) Connection Provider

26) Why we use @Id Annotation in Hibernate...?

- a) Create table
- b) For Auto Increment
- c) a and b
- d) None**

27) Which of these simplifies an Object Relational Mapping tool?

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

28) _____ is an object that maintains the connection between Java object application and database.

- a) Persist
- b) Cache
- c) Session**
- d) save

29) Session.beginTransaction method begins a unit of work and returns the associated Transaction object.

- a) True**
- b) False

30) What is the difference between get() and load() methods of session object?

- a) get() always hits the database whereas load() method doesn't hit the database.
- b) get() returns null if no data is present where as load throws ObjectNotFoundException exception in such case.
- c) get() returns actual object whereas load() returns proxy object.

d) All of the above.