**JSP (6-13) + Hibernate + Angular 6**

1. What is ORM?

1.ORM stands for object/relational mapping.

2.ORM is the automated persistence of objects in a Java application to the tables in a relational database.

3.Both of Above

4.None

2. The Hibernate XML configuration file name is?

1.hibernate.cfg.xml 2.hibernate.config.xml 3.hibernate.cg.xml 4.None

3. Choose correct Instance states of persistent classes?

1.transient 2.persistent 3.detached

4.All of Above 5.None

4. What does hibernate.show\_sql true mean ?

|  |  |
| --- | --- |
| 1. | show sql statement on console. |
| 2. | show sql inputs on console. |
| 3. | both. |
| 4. | None |

5. Employee emp = session.load(Employee .class);   
session.close();   
Is Employee object available to access ?

|  |  |
| --- | --- |
| 1. | Yes |
| 2. | No |

6. 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.

7. Filter can be used to do the following-

a. Inspect the response header

b. Provide a modified version of the request

c. Stop a request from reaching a resource altogether

d. All of them

8. doFilter() throws what type of exception?

a. IOException

b. ServletException

c. UnknownHostException

d. ArithmeticException

9. The security features that all servlet containers provide are

a) Authentication

b) Access control for resources

c) Data integrity

d) Confidentiality or data privacy

10. what are the sub element of <security-constraint>

a)<web-resource-name>

b)<url-pattern>

c)role

d)password

11. Which are the Authentication Mechanisms for Web Applications

a) <auth-method>BASIC</auth-method>

b) <auth-method>DIGEST</auth-method>

c) <auth-method>CLIENT-CERT</auth-method>

d) <auth-method>FORM</auth-method>

e) All of the above

12. Which of the following constant value signals that any body content should be evaluated and output to the page?

a. SKIP\_BODY

b. EVAL\_BODY\_INCLUDE

c. SKIP\_PAGE

d. EVAL\_PAGE

13. which allows you to have a central servlet that handles all requests?

a. <url-pattern>/\*</url-pattern>

b. <url-pattern>/home.html</url-pattern>

c. <url-pattern>/\*.html</url-pattern>

d. <url-pattern>/\*.jsp</url-pattern>

14. Valid Body-Content Values for Tag Extensions are?

a. tagdependent

b. empty

c. any.

d. scriptless

15. Which of the following is/are not method of SimpleTag interface?

a. setJspContext(JspContext)

b. setParent(Tag)

c. setJspBody(JspFragment)

d. doTag()

16. Using JDBC in which class is used for maintaining connection.

a) javax.sql.DataSource

b) java.sql.DriverManager

c) org.gjt.mm.mysql.Driver

17. Which approaches are correct for O/R persistence hibernate framework?

a. Top-Down

b. Bottom-up

c. Middle-out

d. Meet-in-the middle

18. Choose the correct answers about JDO

a. It provides standard API to enable the persistence storage

b. It provides same benefits as O/R

c. JDO includes an object query language

d. JDO is a fairly small API

19. EJB supports the following components

a. entity beans

b. session beans

c. message beans

d. managed beans

20. Entity bean is persisted by which of the following mechanisms?

a. container-managed persistence

b. bean-managed persistence

c. only container-managed persistence

d. only bean-managed persistence

21. Advantages of EJB are-

a. Built-in O/R framework

b. Scalability and high performance

c. Declarative transaction support

d. Declarative object support

22. Typescript provides type checking at

a) runtime

b) compile time

c) loadtime

d) none of above

23. In Typescript integers are represented by type

a) Int

b) Number

e) Int32

d) Int64

24. What are true about Tuple?

a) Tuples are fixed-length arrays.

b) Each item in the array is of a specified type.

c) Tuples are so flexible.

d) None of the above.

25. The \_\_\_\_\_\_\_ operator is used to expand an array so that its contents can be used as function arguments or combined with other arrays.

a. Identity b. Spread c. Rest d. assign

26. The command to build angular application for production is:

a. Ng serve b. Ng new c. Ng build d. Ng create

27. Which character is an example of data binding?

a. [[ and ]] b. {{ and }} c. (( and )) d. { and }

28. In angular, controllers are called

a. Module b. model c. service d. component

29. To create a new project in angular we call:

a. Ng add projectname b. Ng new projectname

c. Ng create projectname d. Ng project projectname

30. NPM means?

a. Node Package Manager b. Node Packet Manager

c. Node Project Manager d. Node Package Machine

31. Which file to support the CSS processing packages that are used by the development tools?

1. Browserlist 2. styles.css 3. tests.ts

32. A \_\_\_\_\_\_\_\_ is a tool that inspects source code to ensure that it conforms to a set of coding conventions and rules.

a. Browser b. Linter c. Angular d. Nodejs

33. The square brackets (the [ and ] characters) tell Angular that this is a--

a. One way data binding b. string interpolation binding

c. Two way data binding d. banana-in-a-box

34. The \_\_ directive is a more flexible alternative to the standard and special property bindings and behaves differently based on the type of data that is returned by the expression.

a. ngStyle b. ngClass c. ngTemplateOutlet d. ngFor

35. Which directive is used to specify a particular expression result?

a. ngStyle b. ngFor c. ngSwitchCase d. ngClass

36. When Angular processes the template, it will produce what type error in the browser’s JavaScript console?

(a) TypeError (b) MathError (c) booleanError (d) Exception

37. The index value is set to the position of the \_\_\_\_\_\_\_\_\_\_\_\_\_\_object and is incremented for each object in the data source.

(a) current data (b) next (c) previous (d) first

38. There are different types of event object for different categories of event but all events share the three properties

a. type b. target c. timestamp d. event

39. There are four attributes that you can add to input elements, each of which defines a validation rule

a. required b. minlength

c. maxlength d. pattern

e. event

40. In model-based forms angular provides validation in\_\_?

a. template b. model class

c. component d. none