

~~36x2~~

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**Model Test: JSP(10-13)+ Primefaces + Hibernate+ AngularJS  
(MCQ: 50x2=100)**

TCLD

1. We need to tell AngularJS what part of our HTML page contains the AngularJS app. You do so by adding the ..... attribute to the root HTML element of the AngularJS app.

- A) ng-app
- B) ag-app
- C) js-app
- D) aj-app

2. There is a controller which takes single parameter. We call it ..... parameter.

- A) \$param
- B) \$control
- C) \$scope
- D) \$scont

3. AngularJS can show or hide HTML depending on the state of data in the model. You do so using a set of AngularJS directives such as ..... which are created specifically for that purpose.

- A) ng-shown, ng-hidden
- B) ng-show, ng-hide
- C) nt-show, nt-hide
- D) ng-shows, ng-hides

4. The ..... directive is used if you want to add or remove HTML elements from the DOM based on data in the model.

- A) ng-switch
- B) ng-model
- C) ng-Disabled
- D) ng-Cloak

5. \$http service is used to make an Ajax call to server.

- A - false
- B - true

6. Using filters AngularJS cannot use \_\_\_\_\_.

- A. limitTo
- B. orderby
- C. Special characters
- D. json

7. What is the parent of \$scope in AngularJS?

- A. @super
- B. \$super
- C. \$root
- D. \$rootScope

8. Which of the following statements are invalid AngularJS filters?

- A. currency filter
- B. aggregate filter
- C. lowercase filter
- D. orderby filter

9. Which of the following is valid for AngularJS module

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1. Which of the following is/are not AngularJS services?
- (A) \$http
  - (B) \$q
  - (C) \$location
  - (D) \$interval
2. In AngularJS, what is \$scope variable used for?
- (A) Get/set values for model, view and controller
  - (B) Store data
  - (C) Get/set values in a function call
  - (D) To get values of variables within the implementation scope
3. Which of the following is not a valid AngularJS Directive?
- (A) ng-destroy
  - (B) ng-init
  - (C) ng-repeat
  - (D) ng-model
4. Which of the following statements are true? Choose all that apply.
- (A) AngularJS has directives.
  - (B) AngularJS does not support templates.
  - (C) AngularJS supports single service only
  - (D) AngularJS does not support Dependency Injection
5. In context of AngularJS, what does SPA stand for?
- (A) Single Page Application
  - (B) Software Product Assessment
  - (C) Single Point of Access
  - (D) Software Publisher Association
6. What is the correct syntax for a variable "a" in AngularJS?
- (A) {{a}}
  - (B) [{a}]
  - (C) {{a}}
  - (D) {(a)}
7. Which of the following is/are not AngularJS events?
- (A) ng-keypress
  - (B) ng-dblclick
  - (C) ng-cut
  - (D) ng-rightclick
8. Which of the following is true about ng-init directive?
- (A) ng-init directive initializes an AngularJS Application data.
  - (B) ng-init directive is used to put values to the variables to be used in the application.
  - (C) Both of the above.
  - (D) None of the above.
9. AngularJS supports two-way data binding?
- (A) True
  - (B) False
10. Which components can be injected as a dependency in AngularJS?
- (A) Application Module
  - (B) constant
  - (C) value

D. factory

19. Directives can be applied to which all element type?

- A. Element
- B. Attribute
- C. Comment
- D All of the above

20. AngularJS directives can be written in HTML element as:

- A. Tag
- B. Attribute
- C. Class name
- D All of the above

21. The ng-bind directive binds \_\_\_\_\_.

- A Data to model
- B View to controller
- C Model to HTML element
- D Model to \$scope

22. What is \$scope?

- A It transfers data between a controller and view
- B It transfers data between model and controller
- C It is a global scope in AngularJS.
- D None of the above

23. Which of the following service is used to retrieve or submit data to the remote server?

- A \$http
- B \$XMLHttpRequest
- C \$window
- D \$get

24. Which of the following provider can be used to configure routes?

- A \$routeProvider
- B \$url
- C \$rulesProvider
- D None of the above

25. Which of the following is validation css class in AngularJS

- A ng-valid
- B ng-invalid
- C ng-pristine
- D All of the above

26. 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

27. The Hibernate XML configuration file name is?

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

28. Choose correct Instance states of persistent classes?

1.transient

2.persistent

3.detached

4.All of Above 5.None

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

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

30. Employee emp = session.load(Employee .class);  
session.close();

Is Employee object available to access ?

- 1. Yes
- 2. No

31. 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.

32. 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

33. doFilter() throws what type of exception?

- a) IOException
- b) ServletException
- c. UnknownHostException
- d. ArithmeticException

34. The security features that all servlet containers provide are

- a) Authentication
- b) Access control for resources
- c) Data integrity
- d) Confidentiality or data privacy

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

- a) <web-resource-name>
- b) <url-pattern>
- c) role
- d) password

36. 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

37. Which of the following style class is applied in all PrimeFaces Components?

1. ui-Widget

2. ui-Picklist

3. ui-state-hover

4. ui-sortable

38. Which of the following is/are false?

- (A) dataTable provides sorting options based on AJAX
- (B) dataTable selection can be single or multiple
- (C) filterBy attribute can be used to filtering the columns
- (D) There is no filterMatchMode options for dataTable

39. The onEdit and onCancel methods retrieve org.primefaces.event.\_\_\_\_\_ as a parameter.

- (A) EditEvent
- (B) RowEvent
- (C) RowEditEvent
- (D) Event

40. By enabling \_\_\_\_\_ PrimeFaces dataTable provides support for displaying tons of data that support pagination, sorting, filtering, and live scrolling.

- (A) LazyDataModel
- (B) DataModel
- (C) BundleDataModel
- (D) BundleModel

41. The default value for the effect attribute is \_\_\_\_\_.

- A. blind
- B. clip
- C. slide
- D. fade

42. What is the correct usage to show the dialog at client side using widget variable?

- (A) \$PF('dlg').show()
- (B) \$('#dlg').display()
- (C) PF('dlg').show()
- (D) None of the above

43. What underlying javascript library is used in PrimeFaces Core?

- A. Dojo
- B. JQuery
- C. Yahoo UI
- D. Bootstrap

44. What configuration is mandatory for PrimeFaces to setup for an application?

- A. Filter
- B. Listener
- C. A context parameter
- D. None of the above

45. Which menu component does not exist in PrimeFaces?

- A. <p:menubar />
- B. <p:slideMenu />
- C. <p:menuPanel />
- D. <p:megaMenu />

46. What is the name-value pair of the attribute to send an asynchronous ajax request that avoids request queue from PrimeFaces ajax enabled components?

- A. Sync="false"
- B. Async="true"

- C.Instant="true"  
D.Queue="false"

47. What would be a correct PrimeFaces Selector expression to update all forms on the page?

- A.@form  
B.@(h:form)  
C.@(form)  
D.@(all:form)

48. Which one is not a supported type for DataExporter utility?

- A.Excel  
B.Pdf  
C.Json  
D.Csv

49. Which of the following is a valid value for mode of FileUpload component?

- A.Advanced  
B.Complex  
C.Flash  
D.Auto

50. What is the name of the context parameter to configure the application theme?

- A.Primefaces.SKIN  
B.Primefaces.THEME ✓  
C.Primefaces.LOOK\_AND\_FEEL  
D.Primefaces.DESIGN

### Descriptive 20

1. What is data binding in AngularJS?
2. Explain directives in AngularJS?
3. What is scope in AngularJs?
4. What are the advantages of using AngularJs?
5. Explain what Angular JS routes does?
6. What are the Core interfaces are of Hibernate framework?
7. What is REALM?
8. Explain Database Connection Pooling?
9. What is Filter Chaining?
10. What is Primefaces?

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**QUIZ -1**  
**Competency Unit -STCESADJ2EE 604**  
**Module-06**  
**Total Marks-30**

1. Choose true

- 1. Hibernate is a framework.
- 2. Hibernate is an object-relational mapping (ORM) library for the Java language
- 3. Hibernate provides a mapping for object-oriented domain model to a traditional relational database.
- 4. All of the above
- 5. None

2. Hibernate lets you develop persistent classes following common Java idiom - including association, inheritance, polymorphism, composition and the Java collections framework.

- 1. True
- 2. False

3. 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

4. The Hibernate XML configuration file name is?

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

5. The most common methods of Hibernate configuration

- 1. XML configuration in hibernate.cfg.xml
- 2. XML configuration in hibernate.config.xml
- 3. Programmatic configuration
- 4. None

6. Which of following are Core interfaces of Hibernate framework

- 1. Session interface
- 2. SessionFactory interface
- 3. Configuration interface
- 4. Transaction interface
- 5. Query and Criteria interfaces

7. Is SessionFactory a thread safe object?

- 1. Yes
- 2. No

8. Choose correct Instance states of persistent classes?

- 1. transient
- 2. persistent
- 3. detached
- 4. All of Above
- 5. None

9. How you can enable the query cache?

By setting Property name:-

- 1. hibernate.cache.use\_query\_cache true/false
- 2. hibernate.cache.use\_query\_cache 0/1

- 3. hibernate.cache.use\_cache true/false
- 4. hibernate.cache.use二级缓存 0/1

10. Choose correct hibernate SQL Dialects (hibernate.dialect) combinations

- 1. For DB2 // org.hibernate.dialect.DB2Dialect
- 2. For MySQL //org.hibernate.dialect.MySQLDialect
- 3. For Oracle 9i/10g //org.hibernate.dialect.Oracle9Dialect
- 4. All of the above

11. Which of the following integration points Hibernate have for J2EE infrastructure?

- 1. Container-managed datasources
- 2. Automatic JNDI binding
- 3. JTA Session binding
- 4. JMX deployment

12. There are three standard (built-in) choices:

Which is default Transaction strategy configuration?

- 1. org.hibernate.transaction.JDBCTransactionFactory
- 2. org.hibernate.transaction.JTATransactionFactory
- 3. org.hibernate.transaction.CMTTransactionFactory

13. Does hibernate require persistent classes to implement Serializable?

- 1. Required

- 2. Not Required

- 3. None

14. How to get Connection object from session?

- 1. session.getConnection();
- 2. session.connection();
- 3. session.createConnection();
- 4. None

15. How can you make a property be read from the database but not modified in anyway

- 1. By using the insert="false" and update="false" attributes.
- 2. By using the isinsert="false" and isupdate="false" attributes.
- 3. By using the isinsert="no" and isupdate="no" attributes.
- 4. None

16. If you are not certain that a matching row exists in the database then which method is the best?

- 1. Session.load();
- 2. Session.get();
- 3. Session.fetch();
- 4. None of the above

select \* from

where

~~17.~~ What does hibernate.show\_sql true mean ?

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

~~18.~~ SessionFactory represents which level of cache?

- 1. 2nd
- 2. 1st
- 3. 3rd
- 4. 4th

~~19.~~ HQL is used in?

- 1. session.createQuery()
- 2. session.createCriteria();
- 3. session.createSQLQuery();
- 4. session.load();

~~20.~~ Difference between Emp e = session.load(Emp.class) and Emp e = session.createCriteria(Emp.class) ?

- 1. On session close session.load() Emp Object unavilabe to access.
- 2. On session close session.createCriteria() Emp unavilabe to access.
- 3. None

~~21.~~ Employee emp = session.load(Employee .class);  
session.close();

Is Employee object available to access ?

- 1. Yes
- 2. No

~~22.~~ What is the naming convention for Hibernate XML mapping file extensions?

- 1. .hibernate.xml
- 2. .hbm.xml
- 3. .hibernate\_data.xml
- 4. none

~~23.~~ Which of the following database is not supported by Hibernate?

- A - DB2/NT
- B - MySQL
- C - FoundationDB
- D - PostgreSQL

~~24.~~ Which of the following is the root node of hbm.xml file?

- A - hibernate-mapping
- B - hibernate-config
- C - class-mapping

D - class-config

25. 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.
  - C - Both of the above.
  - D - None of the above.
26. Which element of hbm.xml defines maps the unique ID attribute in class to the primary key of the database table?
- A - id
  - B - generator
  - C - primaryKey
  - D - None of the above.
27. Which of the following is true with respect to ORM vs JDBC?
- A - ORM system lets business code access objects rather than DB tables.
  - B - ORM system hides details of SQL queries from OO logic.
  - C - ORM system helps in Transaction management and automatic key generation.
  - D - All of the above.
28. length attribute of @Column annotation permits the size of the column used to map a value particularly for a String value.
- A - false
  - B - true
29. Which of the following is true about HQL?
- A - Hibernate Query Language (HQL) is an object-oriented query language.
  - B - Instead of operating on tables and columns, HQL works with persistent objects and their properties.
  - C - Both of the above.
  - D - None of the above.
30. Which of the following is a concurrency strategy in hibernate?
- A - Transactional
  - B - Read-write
  - C - Nonstrict-read-write.
  - D - All of the above.

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**QUIZ -1**  
**Competency Unit -STCESADJ2EE 605**  
**Module-06**  
**Total Marks-29**

1. Database connection mechanism provided by jdbc are--

- a. java.sql.DriverManager
- b. javax.sql.DataSource
- c. DriverManager
- d. DataManager

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

- a. Top-Down
- b. Bottom-up
- c. Middle-out
- d. Meet-in-the middle

3. 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

4. EJB supports the following components

- a. entity beans
- b. session beans
- c. message beans
- d. managed beans

5. 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

6. Advantages of EJB are-

- a. Built-in O/R framework
- b. Scalability and high performance
- c. Declarative transaction support
- d. Declarative object support

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. Which one is correct?

- a. doFilter() method is called for the first time
- b. doFilter() method contains logic of the filter
- c. We have to implement javax.servlet.Filter interface
- d. All of them

9. For filter mapping which are correct?

a. <filter-mapping>  
    <filter-name>p</ filter-name>  
    <servlet-name>q</ servlet-name>  
  </filter-mapping>  
b. <filter-mapping>  
    < servlet -class>p</ filter-class>  
    <servlet-name>q</ servlet-name>  
  </filter-mapping>

c. <filter-mapping>  
    <filter-name>p</ filter-name>  
    <url-pattern>\*</ url-pattern>  
  </filter-mapping>

d. <filter-mapping>  
    <filter-name>p</ filter-name>  
    <url-pattern>\*</ url-pattern>  
    <dispatcher>request</ dispatcher>  
    <dispatcher>include</ dispatcher>  
  </filter-mapping>

10. Which of the followings is correct?

- a. State information can be maintained via global variables in doFilter()
- b. Filters are positioned between the application server and the database
- c. Filters can handle the pre and post processing of request for resources
- d. All of them

11. Which filter that disallows access to the server during certain hours of the day?

- a. Auditing
- b. Authentication
- c. Adapter
- d. Authorization

12. Transferring outgoing response content technique is used for?

- a. Adapter filter
- b. Auditing filter
- c. Authentication filter
- d. All of them

13. Pipeline Model is similar to?

- a. MVC
- b. push model
- c. pull model
- d. All of them

14. Pipeline model provides?

- a. Applications are more maintainable
- b. Web application whose performance is highly optimization
- c. Applications are adaptable
- d. All of them

15. doFilter() throws what type of exception?

- a. IOException
- b. ServletException
- c. UnknownHostException
- d. ArithmeticException

- ~~16.~~ Choose the incorrect answer?
- a. In downstream request travels from the client through the first filter through the second filter and so on
  - b. Legacy Adapter filter do not used to map the IP
  - c. init() method is called to set the FilterConfig object for the filter
  - d. ReplaceContentOutputStream class used to wrap to modify its content.
- ~~17.~~ The Need for Custom Tags
- a) Reusability
  - b) Readability
  - c) Maintainability
  - d) All of the Above
- ~~18.~~ Tag files location is
- a) WEB-INF
  - b) tags
  - c) WEB-INF/tlds
- ~~19.~~ Using JDBC in which class is used for maintaining connection.
- a) javax.sql.DataSource
  - b) java.sql.DriverManager
  - c) org.gjt.mm.mysql.Driver
- ~~20.~~ The main advantages of using an O/R framework over JDBC are --
- a) Easier to program.
  - b) Better maintainance.
  - c) Better performance.
  - d) Better cross-database support.
- ~~21.~~ The security features that all servlet containers provide are
- a) Authentication
  - b) Access control for resources
  - c) Data integrity
  - d) Confidentiality or data privacy
- ~~22.~~ Realm is a database of
- a) usernames and that identify valid users.
  - b) passwords
  - c) user roles
  - d) data delete action
- ~~23.~~ what are the sub element of <security-constraint>
- a) <web-resource-name>
  - b) <url-pattern>
  - c) role
  - d) password
- ~~24.~~ Which matches the right elaboration?
- a) LDAP=LDAP Data Interchange Format (LDIF)
  - b) SSL=Secure Sockets Layer protocol

- c) JAAS=Java Authentication and Authorization Service.
- d) API=Access protocol independent

25. Filtering is a standard feature of all Servlet 2.5-compliant containers. which is not filter jobs,

- a) authentication.
- b) auditing.
- c) compression.
- d) encryption
- e) on-the-fly format transformation.
- f) online transfer business logic.

26. In the javax.servlet.Servlet interface, there are three life-cycle methods that a filter must implement which is not life-cycle.

- a) init
- b) dofilter
- c) destroy
- d) service

27. The <dispatcher> Element has four values. Which one is not true?

- a) REQUEST
- b) FORWARD
- c) INCLUDE
- d) Error
- e) None

28. 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

29. Which requires appropriate attributes?

- a) Username: <input type="text" name="j\_username" id="j\_username" />
- b) <Realm className="org.apache.catalina.realm.UserDatabaseRealm" />
- c) <property name="url" column="url" type="string" not-null="true" unique="true" />
- d) <set name="items" table="item" cascade="delete" >

**Quiz on Primefaces**  
**Competency Unit -STCESADJ2EE 606**  
**Module-06**  
**Total Marks-22**

1. In order to use PrimeFaces we need to add \_\_\_\_\_.  
 1. xmlns="http://www.w3.org/1999/xhtml"  
 2. xmlns:ui="http://java.sun.com/jsf/facelets"  
 ③ 3. xmlns:p="http://primefaces.org/ui">  
 4. xmlns:h="http://java.sun.com/jsf/html"
- ✓ ✗ Ajax extensions in PrimeFaces are??(Choose more than one)  
 ✓ 1. autoUpdate      2. callbacks  
 ✓ 3. RequestContext      4. h:Ajax      5. SelectMenu
- ✓ 3. POM means ?  
 1. Product Oriented Model.      ② 2. Project Object Model.  
 3. Product Object Model.      4. Project Oriented Model.
- ✓ 4. Which of the following style class is applied in all PrimeFaces Components?  
 ① 1. ui-Widget      2. ui-Picklist      3. ui-state-hover      4. ui-sortable
- ✓ 5. Maven users should define any desired theme artifact in their project's \_\_\_\_\_.  
 1. web.xml      ② 2. pom.xml      3. context.xml      4. faces-config.xml
- ✓ 6. To make a single selection possible with a command component such as commandLink or commandButton, which of the followings can be used to set the selected row as a parameter to the server side?  
 a. f:setPropertyActionListener      b. f:setProperty  
 c. f:setPropertyAction      d. f:selectedPropertyActionListener
- ✓ 7. dataTable provides global filtering by invoking the client-side method \_\_\_\_\_.?  
 a. filter()      b. shortBy()  
 c. filterBy()      d. none of the above
- ✓ 8. What is the use of the <h:selectOneMenu> Tag?  
 ① 1. Tag provide a single-select menu in HTML form.  
 2. Tag provide a Multi-select menu in HTML form.  
 3. both  
 4. none
- ✓ 9. Which class is provide a single-select menu in HTML form?  
 ① 1. com.sun.faces.taglib.html\_basic.SelectOneMenuTag  
 2. com.sun.faces.taglib.html\_basic.InputTextareaTag  
 3. both  
 4. none
- ✓ 10. Which is the basic component declaration for editor?

- ① `<p:editor value="#{editorController.text}" />`  
2. `<p:dialogwidgetVar="editorDialog" modal="true" />`  
3. `<p:commandButton value="Show" onClick="editorDialog.show()"/>`  
4. `<p:inplace><h:inputText value="Edit Me!" /></p:inplace>`
11. rateEvent contains the rating and can be retrieved as an object with the \_\_\_\_\_ method.  
① getRating().  
2. setRating().  
3. inputRating().  
4. UpdateRating().
12. which is the built in default theme of Primefaces?  
① Aristo.  
2. State-Default  
3. Gallery  
4. CookBook.
13. To remove default Border and background settings for Tree we apply which keyword?  
① none.  
2. image.  
3. indent.  
4. outdent
14. How to config PrimeFaces?  
① PrimeFaces does not require any mandatory configuration.  
2. add some line in web.xml xml  
3. add some line in faces-config.xml file
15. What is the AccordionPanel?  
1. is multiple tabs. Options like transition effect and toggle event can be customized.  
2. is a container element with several use cases  
3. is used to display overflowed content with theme aware scrollbars instead of browser scrollbars.
16. Which of the following are optional dependencies of PrimeFaces required for certain features?  
A. Apache POI  
B. Atmosphere  
C. iText  
D. All
17. PrimeFaces has a single jar called  
1. primefaces\_{version}.jar  
2. primefaces-{version}.jar  
3. prime\_faces\_{version}.jar
18. PrimeFaces is a JavaServer Faces implementation.  
A. True  
B. False

19. The page: "UserRegistration.xhtml" has a component to display error messages. This component should be changed to allow insert html code in the message content. How can we achieve this?

- A. Just add the attribute escape="false" in the component <p:message>.
- B. Just add the attribute escape="true" in the component <p:message>.
- C. Just add the attribute useHtml="true" in the component <p:message>.
- D. Just add the attribute useHtml="enable" in the component <p:message>.

20. PrimeFaces scripts are based on the \_\_\_\_\_ Library.

- 1. Jquery JavaScript.
- 2. Rubi.
- 3. Ajax
- 4. Python.

21. What PrimeFaces Component Supplies Live Suggestions While Users Type their Inputs?

- A. AutoComplete
- B. Editor
- C. InputTextarea
- D. Spinner

22. Which of the Following PrimeFaces SelectManyButton Attributes has a Boolean Return Type?

- A. Disabled
- B. Rendered
- C. Required
- D. All of the Above

**QUIZ-1**  
**Total Marks-37**  
**Time: 25 Minutes**

**Q 1 - What is deep linking in AngularJS?**

- A - Deep linking allows you to encode the state of application in the URL so that it can be bookmarked.
- B - Deep linking is a SEO based technique.
- C - Deep linking refers to linking various views to a central page.
- D - None of the above.

**Q2 - Which of the following is true about uppercase filter?**

- A - Uppercase filter is a function which takes text as input.
- B - Uppercase filter converts a text to upper case text.
- C - Both of the above.
- D - None of the above.

**Q 3 - angular.module is primarily used to create application module.**

- A - true
- B - false

**Q 4 - Use novalidate with a form declaration to disable any browser specific validation.**

- A - true
- B - false

**Q 5 - config phase is the phase during which AngularJS bootstraps itself.**

- A - true
- B - false

**Q 6 - On which of the following types of component can we create a custom directive?**

- A - Element directives
- B - Attribute

- C - CSS
- D - All of the above.

**Q 7 - ng-app directive defines and links an AngularJS application to HTML.**

- A - false
- B - true

**Q 8 - uppercase filter is applied to an expression using pipe character**

- A - true
- B - false

**Q 9 - orderby filter is applied to an expression using pipe character.**

- A - true
- B - false

**Q 10 - Do AngularJS provide reusable components?**

- A - false
- B - true

**Q 11 - AngularJS application expressions are pure JavaScript expressions.**

- A - true
- B - false

**Q 12 - Which of the following is true about ng-hide directive?**

- A - ng-hide directive can show a given control.
- B - ng-hide directive can hide a given control.
- C - Both of the above.
- D - None of the above.

**Q 13 - AngularJS needs data in JSON format to populate its model.**

- A - true
- B - false

**Q 14 - factory method is used to define a factory which can later be used to create services as and when required.**

- A - true  
B - false

**Q 15 - AngularJS supports inbuilt internationalization for three types of filters currency, date and numbers.**

- A - true  
B - false

**Q 16 - Being JavaScript only framework, application written in AngularJS are not safe and secure.**

- A - true  
B - false

**Q 17 - AngularJS Expressions are used to bind application data to html.**

- A - true  
B - false

**Q 18 - novalidate with a form declaration disables any browser specific validation.**

- A - false  
 B - true

**Q 19 - Which of the following is true about ng-model directive?**

A - ng-model directive binds the values of AngularJS application data to HTML input controls.  
B - ng-model directive creates a model variable which can be used with the html page and within the container control having ng-app directive.

- C - Both of the above.  
D - None of the above.

**Q 20 - What is MVC?**

- A - MVC is name of an algorithm.

B - MVC is a software design pattern for developing web applications.  
C - MVC is a software technique to optimize web application performance.  
D - None of the above.

**Q 21 - ng-click directive represents a AngularJS click event.**

- A - true  
B - false

**Q 22 - Which of the following is true about \$error?**

- A - \$error states that form has invalid data.  
B - \$error states the exact error.  
 C - Both of the above.  
D - None of the above.

**Q 23 - Which components can be injected as a dependency in AngularJS?**

- A - value  
B - factory  
C - service  
 D - All of the above.

**Q 24 - Services are singleton objects which are instantiated only once in app.**

- A - false  
 B - true

**Q 25 - Templates can be a single file (like index.html) or multiple views in one page.**

- A - true  
B - false

**Q 26 - ng-init directive can be used to put values to the variables to be used in the application.**

- A - true  
B - false

**Q 27 - In AngularJS, Scope contains the model data.**

- A - true  
B - false

**Q 28 - Is AngularJS code unit testable?**

- A - false  
 B - true

**Q 29 - Which of the following is true about lowercase filter?**

- A - Lowercase filter converts a text to lower case text.  
B - Lowercase filter is a function which takes text as input.  
 C - Both of the above.  
D - None of the above.

**Q 30 - How angular.module works?**

- A - angular.module is used to create AngularJS modules along with its dependent modules.  
B - angular.module is primarily used to create application module.  
 C - Both of the above.  
D - None of the above.

**Q 31 - Which of the following is true about ng-include directive?**

- A - Embed HTML pages within a HTML page using ng-include directive  
B - Embed JS files within a HTML page using ng-include directive  
 C - Both of the above.  
D - None of the above.

**Q 32 - Using service method, we define a service and then assign method to it.**

- A - true  
B - false

**Q33 - Services are singleton objects which are instantiated only once in app.**

- A - false  
 B - true

**Q 34 - ng-app directive defines and links an AngularJS application to HTML.**

- A - false  
 B - true

**Q 35 - AngularJS Expressions are used to bind application data to html.**

- A - true  
B - false

**Q 36 - Internationalization is a way to show locale specific information on a website.**

- A - false  
 B - true

**Q37 - Which of the following is true about ng-app directive?**

- A - ng-app directive defines and links an AngularJS application to HTML.  
B - ng-app directive indicates the start of the application.  
 C - Both of the above.  
D - None of the above.

→ properties for extend HTML attribute

→ model

→ view

↔ Directives

→

→ AngularJS in a side ...

→ Server

↔ client

→

→

→ True about angular JS

→ ↵ do

→ modules ...

→

→

→ or both of them