

< ----- Al-Amin
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1. Which are correct about Model 1 Architecture-(choose all that are applicable)

- a) quick & simple
- b) page centric
- c) complex
- d) Not page centric

e) Above a,b

2. What are the main advantages of using an O/R framework over JDBC?

- a) Using O/R you have a lot of queries and updates.
- b) **Better performance**
- c) **Scalability and high availability**
- d) None

3. **In JEE what happened when web container execute JSP ?**

- a) jsp to Servlet code
- b) jsp to HTML

c) implementation servlet

d) above b,c

4. When we configure a JavaBean which of the following scopes are required(choose all that are applicable)

- a) Page
- b) Request
- c) Session
- d) Application

e) All of the above

5. Which package is used that you have no longer to manage database connection parameters in your code?

- a) java.sql.DriverManager

b) org. gjt.mm.mysql.Driver

c) javax.sql.DataSource

d) None

6. <%=new java.util.Date()%> is the example of-

a) Declaration

b) EL expression

c) Expression

d) Scriptlet

7. Evaluate the following JSP script and select the right option:

1. <%— insert code here —%>

2.

|

4. Today is: <%= new Date() %>

5.

6.

What needs to go on line 1?

a) <%@ page import="java.util.Date" %>

b) <%@ import class="java.util.Date" %>

c) <%@ include file="java.util.Date" %>

d) <%@ include class="java.util.Date" %>

8. What can you do to disable the EL for a single page ?

a) <%@ page isELIgnored="false"%>

b) <%@ page isELDisabled="true"%>

c) <%@ page isELIgnored="true"%>

d) <%@ page isELEnabled="false"%>

9. Choose the correct answers related to Hibernate? (Choose all are applicable)
- a) Hibernate is an object-relational mapping (ORM) library for the Java language
 - b) Hibernate provides a mapping for object-oriented domain model to a traditional relational database.
 - c) Hibernate is a database
 - d) a&b**

10. The prefix f: in JSF refers to-----

- a) HTML elements for the page.
- b) Core JSF functionality for the page.**
- c) Input text fields in the form.
- d) None

11. doGet(), doPost(), doHead, doDelete() belongs to what type of servlet?

- a) HttpServlets**
- b) Generic Servlets
- c) All of the above
- d) None of the above

12. When using servlet, we use log method for

- a) Application log
- b) web server log**
- c) jsp log
- d) Application Server

13. What is the abbreviations of JSP?

- a) Java Service Programming
- b) Java Server Programming
- c) Java Service Pages
- d) Java Server Pages**

14. How can you create drop-down menus, list boxes, radio buttons, and check boxes in JSF by using

a) The HTML Custom Actions

b) The Core Custom Actions.

c) None

15. What type of programming is JSP?

a) Server

b) Client

16. To define Faces Servlet on web.xml

```
<servlet>  
<servlet-name>Faces Servlet</servlet-name>  
<servlet-class>blank </servlet-class>  
<servlet-class>blank </servlet-class>  
<load-on-startup>1</load-on-startup>  
</servlet>
```

the value of blank

a) javax.faces.webapp.ext.FacesServlet

b) javax.faces.webapp.FacesServlet

c) javax.faces.webapp.servlet.FacesServlet

17. Which of the following initially handled request of a JSP page?

a) Proxy server.

b) JSP Container.

c) Webserver

18. Which of the following are JSP Directives?

- a) page
- b) include
- c) taglib
- d) all of the above**

19. Which of the followings are JSF action Tags?

- a) < c:choose>
- b) < sql:setDataSource>
- c) < h:dataTable>
- d) < f:selectItem>
- e) both C & D**

20. When ServletConfig and ServletContext are created?

- a) at the time of application loaded
- b) Time of user request
- c) When application deployed
- d) Both a and b**

21. What is the purpose of DAO pattern?

- a) It is used for encapsulating data access.**
- b) IT is used for authentication
- c) It is used for caching
- d) None

22. Where do you put your JAR file under the WEB-INF folder when the JAR file contains all the custom tags that you created?

- a) WEB-INF \classes
- b) WEB-INF \ lib**
- c) WEB-INF \ common
- d) WEB-INF \tlds

23. The <c:forEach> action is probably one of the most useful actions provided by the JSTL that enables its body content to be processed a number of times. item attribute are not taking reference of

- a) Array
- b) dataSource**
- c) A string of comma-separated values

24. Which of the following statement is correct related to JSP?

- a) JSP technology is not just an extension of servlet technology
- b) JSP engine will translate the contents of the JSP into servlet**
- c) JSP engine will translate the contents of the JSP into JSTL

25. When destroy() method of a filter is called?

- a) The destroy() method is called only once at the beginning of the life cycle of a filter
- b) The destroyer() method is called after the filter has executed
- c) The destroy() method is called only once at the end of the life cycle of a filter**
- d) The destroy() method is called after the filter has executed doFilter method

< ----- Farjana Juthi ----- >

26. Which XML attribute allows us to specify XPath expressions?

- a. Transform
- b. Allow
- c. Select**
- d. View

27. How you create various kinds of input elements by JSF

- a. <h:inputSecret />**
- b. <f:inputText />
- c. <f:inputTextarea />

28. Which is the methods belongs to Servlet?

- a. jspInit()
- b. _jspService()
- c. jspDestroy()
- d. All of the above**

29. Which of the following two JAR files required for JSTL implementation?

- a. commons-collections.jar
- b. x.tld
- c. standard.jar
- d. jstl.jar
- e. above c,d**

30. What is the advantage of EJB?

- a. complexity
- b. development overhead
- c. Persistence**
- d. None

31. Which of the followings two mechanisms are used to make EJB persistence to the data storage?

- a. Container-managed persistence
- b. Object-model persistence
- c. Bean-managed persistence
- d. Both A & C**

32. Where you put JSTL lib on the web application ?

- a. WEB-INF/lib**
- b. lib
- c. root/lib on container home path

33. Which of the following ways you can terminate session?(choose two))

- a. session.invalidate()

- b. session.destroy()
- c. session-timeout
- d. Both A & C**

34. The Internationalization and Formatting tag library provides actions that allow you to control the

- a. settings for your JSP pages
- b. Date
- c. Locale**
- d. Time

35. What directive do we use to point to the location of the tag file?

- a. tag
- b. page
- c. taglib**
- d. Tagfile

36. Which of the following is not an implicit object?

- a. request
- b. response**
- c. cookie
- d. session

37. Which of the following statements are true regarding RSS Newsreader?

- a. RSS is a XML based format.
- b. RSS is a text based format.
- c. It represents the current news stories available on website.
- d. Both A & C**

38. The Servlet interface has lifecycle methods the following

- a. Init()

- b. Service
- c. Destroy()
- d. all of the above**

39. Which of the following configuration file control flows through the application in JSF?

- a. web.xml
- b. faces-config.xml**
- c. None

40. Which of the implicit variable of JSP pages that may be used to access all the other implicit objects?

- a. context
- b. Page
- c. pageContext**
- d. object

41. Which of the following is a reserved word and so can't be used as an EL identifier?

- a. empty**
- b. erase
- c. error
- d. evoke

42. The XML transformation actions provided by the JSTL are designed to apply an XSLT stylesheet to an XML document <x:transform xml="\${books}" xslt="\${xslt}"/>

- a. xml is a style doc
- b. xslt is main doc
- c. xslt is style doc**

43. What is the method of _jspService of HttpJspPage ?

- a. Void _jspService(HttpServletRequest, HttpServletResponse)
- b. Void _jspService()
- c. Void _jspService(HttpServletRequest, HttpServletResponse) throws IOException, ServletException**

44. Hibernate is used to simplify to interact with the database

- a. True**
- b. False

45. How can we count column of the particular resultset?

- a. Metadata()
- b. getColumn()**
- c. get Count()**
- d. getMetaData()

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46. Which of the following attributes are mandatory in tag?

- a. id, type
- b. type, class
- c. id, class**
- d. type, property

47. Which of the following JSP Action tags is used to include the content of another resource?

- a. Jsp:plugin
- b. Jsp:papam
- c. Jsp:include**
- d. Sp:forward

48. Which two HTTP methods are used to process form data in a Servlet?

- a. doGet
- b. doPut
- c. doPost

- d. doSubmit
- e. both A & C are correct**

49. The <:if %gt; Actionws has a mandatory attribute

- a. id**
- b. var
- c. test

50. Which of the following properties provide an easy facility for internationalizing and customizing the pages for JSF?

- a. JavaBean
- b. Tag library.
- c. Message Bundles**
- d. None

51. Which of the following Layer Architecture keep separate Business Objects from Data Access Objects?

- a. One-Layer Architecture
- b. Two-Layer Architecture
- c. Three-Layer Architecture**
- d. All the above

52. Which of the following are the popular commercial O/R frameworks?

- a. Toplink**
- b. Struts
- c. Hibernate
- d. **Both A & C**

53. config is object of which class?

- a. javax.servlet.Context
- b. javax.servlet.ServletContext
- c. javax.servlet.ServletConfig**
- d. javax.servlet.Application

54. When the web container cannot find a file requested in the web application, it will show the status code.

- a. 408
- b. 500
- c. 404**
- d. 504

55. How can you encrypt password in Tomcat?

- a. by adding digest attribute="encrypt-password" to a realm definition.
- b. by adding digest attribute="SHA" to a realm definition.**
- c. by adding digest attribute="flush" to a realm definition.
- d. None

56. Why do we use Servlet ?

- a. Maintainability
- b. Reusability
- c. core functionality of all servlets
- d. a & b**

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57. Which of the following handle a request of jsp?

- a) By Application server
- b) By Webserver**
- c) JSP Container

58. Which of the following are JSTL Action elements?

- a) Standard
- b) Custom
- c) SQL
- d) Core
- e) Above c, d**

59. In Servlet the service() throws the following

- a) IOException,ServletException**
- b) HTTPException
- c) ArrayOutOfBoundsException
- d) NullPointerException

60. Which of the following are JSP Action tags tags are used for bean development?

- a) **jsp:useBean**
- b) jsp:setProperty
- c) jsp:getProperty
- d) All of the above

61. Which of the following are the advantages of JavaServer Pages ?

- a) Reusability
- b) Readability
- c) Maintainability
- d) **All of the above**

62. What do you mean by Filter Chaining?

- a) Chaining is the action of passing request through single filter .
- b) **Chaining is the action of passing request through multiple filters in sequence.**
- c) None

63. What type of error object is thrown from the tag?

- a) Java.lang.Exception
- b) **Java.lang.Throwable**
- c) Java.lang.Error
- d) None

64. Which of the following technology is best used when a great deal of programmatic control is required?

- a) JSP
- b) **Servlet**
- c) JSF
- d) None

65. Which of the following method would you require in removing a servlet instance permanently from a servlet container?

- a) doDelete()
- b) **destroy()**
- c) delete()
- d) remove()

66. which one is equal output to The <out >Action

- a. \${}
- b. getmethod of bean
- c. <%= %>
- d. Above a,c**

67. Which of the following attribute is used to have uncaught run-time exceptions automatically forwarded to an error processing page?

- a. error
- b. errorPage**
- c. exception
- d. exceptionPage

68. Which of the following are the basic deployment technique?(Choose two)

- a. Expanded directory format
- b. JAR
- c. WAR
- d. Class
- e. both A & C are correct**

69. Choose the correct life cycle phases of JSP?

- a. start, runnable, not runnable and destroy.
- b. initializing, servicing and processing and finalization
- c. translation, initialization, execution and finalization**

70. Which is the basic deployment folder in web container of Tomcat?

- a. lib
- b. WEB-INF
- c. webapps**

71. Which of the following handle HttpServlet response?

- a. doPost()
- b. doGet()
- c. getPost
- d. above a,b**

72. Which of the following is true about info Attribute?

- a) **The info attribute is used by JSP container for optimization of generated**
- b) The info attribute lets you provide a description of the JSP.servlet code.
- c) Both of the above.
- d) None of the above.

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73. Which of the following are the data access technology?(Choose two)

- a) O/R frameworks
- b) JSTL
- c) EJB
- d) RMI
- e) **A & C**

74. Which one is the correct include core jstl library

- a) `<%@ taglib uri="http://java.sun.com/jstl/core" prefix="c" %>`
- b) **`<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>`**
- c) `<%@ taglib uri="http://java.sun.com/jsf/core" prefix="c" %>`

75. What is the recommended method of deploying into Tomcat?

- a) Manually moving the files into a project folder
- b) **Using a WAR file**
- c) Editing the server.xml file
- d) Defining a context

76. Which tag provide a generic way to access URL-based resources that can be either included or processed.

- a) **`<c:import>`**
- b) `<c:url>`
- c) `<c:param>`

<----- Tajnur ----- >

77. Which of the following configuration file is responsible for Hibernnet connection.?

- a) context.xml
- b) **hibernet.cfg.xml**

c) *.hbm.xml

78. In which two web application directories can dependent classes and libraries be located?

- a) /WEB-INF/lib as a JAR file
- b) /WEB-INF/lib as compiled class files
- c) /WEB-INF/classes as compiled class files
- d) /META-INF/classes as compiled class files
- e) Above a,c**

< ----- Zahid ----- >

79. Which of the following file is a deployment descriptor?

- a) WEBINF
- b) web.xml**
- c) jsp-config.xml
- d) TLD

80. Which of the following is a server side technology?

- a) html
- b) jsp**
- c) JavaScript
- d) Css

81. Which security mechanism uses the concept of a realm?

- a) Authorization
- b) Data integrity
- c) Confidentiality
- d) Authentication**

82. What is the main purpose of using EL?

- a) To remove XML from JSP pages
- b) To remove standard actions from JSP pages
- c) To remove complexity from JSP pages**

83. What is the primary design pattern of JSF?

- a) WAP
- b) EL

- c) **MVC**
- d) UI

84. Imagine that as part of serving a client request, a controlling servlet has caused some business logic to query a database and retrieve a result set. The data retrieved is then used to populate a collection of objects.

For the above scenario which standard tag we will use?

- a) <c:forTokens>
- b) <c:choose>**
- c) <c:forEach>

85. Which of the following is examples of JSP directive?

- a) Include
- b) Exclude
- c) Import
- d) Taglibrary**