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JNTU ONLINE EXAMINATIONS [Mid 2 - Web Technologies]

1. Which of the following is not an interface?

- a. Servlet
- b. ServletRequest
- c. SingleThreadModel
- d. **GenericServlet**

2. Which of the following utility enables you to test some of the servlets that you create?

- a. Serveletrun
- b. **Servletrunner**
- c. Servletrunnable
- d. Servletenable

3. _____ interface indicates that the servlet is thread safe.

- a. **Single Thread Model**
- b. Double Thread Model
- c. Server Thread Model
- d. Safe Thread Model

4. Which of the following method comes under ServletResponse interface?

- a. getProtocol()
- b. getScheme()
- c. **getCharacterEncoding()**
- d. getServerPort()

5. _____ interface enables servlets to log events and access information about their environment.

- a. Servlet
- b. **ServletContext**
- c. ServletConfig
- d. Servlet Request

6. _____ method is invoked only when the servlet is first loaded into memory.

- a. **init()**
- b. service()
- c. destroy()
- d. Thread()

7. _____ are small programs that execute on the server side of a web connection.

- a. **Servlets**
- b. Cookies
- c. Beans
- d. Struts

8. Drawback of Common Gateway Interface is

- a. Platform Independent
- b. **Not Platform independent**
- c. Creating a separate process for each client request was inexpensive
- d. Inexpensive to open and close database connections for each client request

9. Which of the following method is not central to the life cycle of a servlet?

- a. init()
- b. service()
- c. destroy()
- d. **Thread()**

10. The server calls the _____ method to relinquish any resources, such as file handles that are allocated for the servlet.

- a. init()
- b. service()
- c. **destroy()**
- d. Thread()

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11. JSDK stands for

- a. **Java Server Development Kit**

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b. Java Servlet Development Kit

c. Java Service Designer Kit

d. Java Servlet Dynamic Kit

12. Which of the following package is required to build servlets ?

- a. **javax.servlet.http**
- b. javax.sevlet.tree
- c. javax.servlet.reflect
- d. java.servlet.zip

13. _____ interface allows servlets to get initialization of parameters.

- a. Servlet
- b. ServletContext
- c. **ServletConfig**
- d. ServletRequest

14. _____ class implements the Servlet and ServletConfig.

- a. ServletException
- b. **GenericServlet**
- c. ServletRequest
- d. ServletResponse

15. The _____ method is called by the servlet to obtain initialization parameters.

- a. getServletNames()
- b. getServletInfo()
- c. getServlet()
- d. **getServletConfig()**

16. The _____ method is dangerous to use, because they can corrupt the server's state machine.

- a. getMimeType()
- b. **getServlet()**
- c. getRealpath()
- d. getAttribute()

17. getCharacterEncoding() method is in _____ interface.

- a. ServletConfig
- b. ServletContext
- c. ServletRequest
- d. **ServletResponse**

18. Which of the following method is not in servletRequest interface?

- a. **getMimeType()**
- b. getRemoteAddr()
- c. getRemoteHost()
- d. getScheme()

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**19. What is the operation of the following method ?
void log(Exception e, String s)**

- a. Read s and the stack trace for e to the server log
- b. Read s and the queue trace for e to the server log
- c. **Write s and the stack trace for e to the server log**
- d. write and the queue trace for e to the server log

20. The return type of getParameterValues() method is

- a. String { }
- b. String < >
- c. String()
- d. **String[]**

21. The _____ method returns the value of the server attribute named attr.

- a. **Object getAttribute(string attr)**
- b. String getAttribute(string attr)
- c. Void getAttribute(string attr)
- d. int getAttribute(string attr)

22. _____ class indicates that a servlet error occurred.

- a. **ServletError**

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b. ServletIOException

c. ServletException

d. Servletexception

23. All servlets must implement the _____ interface.

a. Servlet

b. ServletConfig

c. ServletContext

d. ServletRequest

24. The return type of destroy() method is

a. int

b. String

c. char

d. void

25. The Return type of getServletInfo() method is

a. int

b. String

c. chat

d. void

26. The _____ class extends ServletException.

a. GenericServlet

b. ServletOutputStream

c. UnavailableException

d. ServletInputStream

27. Which of the following method comes under ServletContext interface?

a. getRealpath()

b. getContentType()

c. getScheme()

d. getServerport()

28. The return type of getServerPort() method is

a. int

b. string

c. char

d. void

29. _____ interface enables a servlet to formulate a response for a client.

a. ServletRequest

b. ServletResponse

c. ServletConfig

d. ServletContext

30. _____ method returns the port number.

a. getServerNum()

b. getServerDigit()

c. getPostServer()

d. getServerPort()

31. _____ interface allows sessions to be managed.

a. HttpSession

b. HttpSessionContext

c. HttpSessionBindingListener

d. HttpSessionRequest

32. The _____ method is called in the Java Servlet depending on the method Used by the Client.

a. doGet() or doPost()

b. doget() or dopost()

c. doGet() & dopost()

d. doget() or dopost()

33. The init() method declared by the Servlet interface receives a _____ object as its argument.

a. ServletConfig

b. ServiceConfig

c. ServletConfig

d. ServletConfigure

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34. The _____ method declared by the Servlet interface returns a ServletConfig object.

a. getServletConfig()

b. getServerInfo()

c. getContentType()

d. getContentType()

35. Which of the following is not a Class in javax.servlet.http package?

a. HttpServlet

b. Cookie

c. HttpUtils

d. HttpSession

36. _____ enables you to define a sequence of comma-delimited parameter names and values.

a. Servlet.name.initargs

b. Servlet.initServlet.initargs

c. Servlet.server.initvals

d. Servlet.initpar.initargs

37. The _____ package contains several interfaces and classes that are commonly used by servlet developers.

a. javax.servlet.jsp

b. javax.servlet.http

c. javax.servlet.html

d. javax.servlet.xml

38. Which of the following class allows state information to be stored on a client machine?

a. HttpUnits

b. HttpServlet

c. HttpSessionBindingEvent

d. Cookie

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39. Which of the following is not an interface of javax.servlet.http package?

a. HttpServletRequest

b. HttpServletResponse

c. HttpServletRequest

d. HttpserverResponse

40. _____ interface informs an object that it is bound to or unbound from a session.

a. HttpSession

b. HttpSessionBindingListener

c. HttpSessionContext

d. HttpServerResponse

41. HttpServletResponse interface enable servlets to _____ data to an HTTP response.

a. read

b. modify

c. execute

d. writ

42. HttpServletRequest interface enables servlets to _____ data to an HTTP request.

a. read

b. modify

c. execute

d. write.

43. _____ class Provides methods to handle HTTP requests and responses.

a. HttpSession

b. HttpServlet

c. HttpUtils

d. HttpServer

44. Which of the following Class indicates when a listener is bound to or unbound from a session value?

a. HttpSessionBindingLirterer

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b. HttpSession BindingEvent

c. HttpSessionContext

d. HttpSession

45. The getSession() method obtains the session to which the listener is being bound or unbound. Its signature is

a. HttpSession getSession()

b. String getSession()

c. void getSession()

d. Boolean getSession()

46. Which of the following is not a method in HttpServlet class?

a. doDelete()

b. doGet()

c. doOptions()

d. doTest()

47. A servlet can write a cookie to a user's machine via the addCookie() method of the _____ interface.

a. HttpSessionContext

b. HttpSession

c. HttpServletResponse

d. HttpSessionBindingListener

48. A _____ method is declared to return an enumeration all the session IDs in the HttpSessionContext interface.

a. getID()

b. setID()

c. getIDs()

d. setIDs()

49. The _____ class provides static methods, that are useful for servlet developer.

a. Cookie

b. HttpServlet

c. HttpSessionBindingEvent

d. HttpUtils

50. The return type of getLastModified() method is

a. int

b. long

c. String

d. void

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51. _____ method returns an array of the cookies in this request.

a. setCookies()

b. putCookies()

c. getCookies()

d. addCookie()

52. Which of the following method is related HttpServletResponse interface?

a. encodeURL()

b. getServletPath()

c. getRequestURL()

d. isNew()

53. The _____ method obtains the name that is being bound (or) unbound.

a. getSession()

b. getName()

c. getValue()

d. getSession()

54. Which of the following returns the session ID?

a. getID()

b. takeID()

c. setID()

d. getSession()

55. The return type of isNew() method is

a. long

b. int

c. void

d. boolean

56. A _____ is stored on a client and contains state information.

a. Bookie

b. HttpServlet

c. Cookie

d. Session

57. The _____ class extends Eventobject.

a. HttpSessionBlockEvent

b. HttpSessionBindingEvent

c. HttpUnits

d. HttpServlet

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58. The return type of getValue() method in the cookie class is

a. object

b. String

c. int

d. boolean

59. The _____ class extends GenericServlet.

a. Cookie

b. HttpUtils

c. HttpSessionBindingEvent

d. HttpServlet

60. The _____ method is used to notify the client that an error has occurred.

a. sendRedirect()

b. sendError()

c. sendDirect()

d. sendFail()

61. What is HTTP 1.1 status code for resource not found?

a. 400

b. 401

c. 403

d. 404

62. Which of the following HTTPResponseHeader, that specifies the time in milliseconds when document is out of date?

a. Expires

b. Location

c. Retry-After

d. Refresh

63. A Java servlet can write to the HTTP response header by calling the _____ method of the HttpServletResponse object.

a. putStatus()

b. getStatus()

c. setStatus()

d. setValueStatus()

64. Which of the following HTTPResponseHeader that indicates the number of seconds to wait before asking for a page update?

a. Refresh

b. Retry-After

c. Location

d. Expires

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65. _____ HTTP Response Header instructs to use or not use persistence.

- a. Allow
- b. Cache-control
- c. Close
- d. Connection

66. The _____ is invoked when a form on a web page is submitted.

- a. servlet
- b. cookie
- c. session
- d. bookie

67. _____ file displays cookie values.

- a. AddCookie.htm
- b. AddCookieServlet.java
- c. MyCookie
- d. GetCookieServlet.java

68. _____ file processes the submission of AddCookie.htm.

- a. AddCookie.htm
- b. AddCookieServlet.java
- c. MyCookie
- d. GetCookieServlet.java

69. _____ file allows a user to specify a value for the cookie named MyCookie.

- a. AddCookie.htm
- b. AddCookieServlet.java
- c. MyCookie
- d. GetCookieServlet.java

70. A _____ is a small amount of data that is saved on the clients machine and can be created by and referenced by a Java Servlet

- a. servlet
- b. cookie
- c. session
- d. bookie

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71. HTTP is _____ protocol.

- a. state
- b. stateless
- c. bound
- d. unbound

72. The _____ method returns an array of Cookie objects.

- a. get_cookies()
- b. addCookie()
- c. arrayCookie()
- d. putCookie()

73. A Java servlet is capable of tracking sessions by using the _____.

- a. HttpSessionTrack API
- b. HttpSession HAPI
- c. HttpSession API
- d. HttpTrackSession API

74. Business logic code can be handled by

- a. Java Beans
- b. Java Mail
- c. Java Message Service
- d. JDBC

75. Template text can be used as

- a. HTTP
- b. JSP
- c. EJB
- d. WML

76. WML stands for

a. Web Markup Language

b. Wrapper Markup Language

c. Wireless Markup Language

d. Web page Markup Language

77. JSP pages are _____ for efficient server processing.

- a. Recompiled
- b. Compiled
- c. Executed
- d. Re executed

78. JSP is an integral part of _____.

- a. J2ME
- b. J2SE
- c. J2EE
- d. J2CS

79. JSP stands for

- a. Java Script Pages
- b. Java Server Pages
- c. Java Servlet pages
- d. Java Support Pages

80. The problem with servlets is

a. Processing the request and generating the response are both handled by a single servlet class

b. Processing the request and generating the response are both handled by a two servlet classes

c. Processing the request and generating the response are both handled by a three servlet classes

d. Processing the request and generating the response are both handled by a four servlet classes

81. Everything in the page that is not a JSP element is called _____.

- a. JSP container
- b. JSP request
- c. template element
- d. template text

82. The anatomy of a JSP page contains

- a. JSP container and JSP request
- b. JSP request and template text
- c. JSP element and template text
- d. Template text and JSP request

83. Which of the following is not a popular technology for developing dynamic web sites?

- a. HPH
- b. ASP
- c. JSP
- d. PHP

84. The _____ is often implemented as a servlet configured to handle all requests for JSP pages.

- a. JSP Container
- b. Servlet Container
- c. JSTL
- d. Server

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85. Which of the following standard action element makes a Java Beans component available in a page?

- a. <jsp:setProperty>
- b. <jsp:include>
- c. <jsp:useBean>
- d. <jsp:param>

86. directive elements are defined in _____ tag.

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

87. _____ are typically used as containers for information that describes application entities, such as a customer or an order.

- a. Directive elements
- b. Java Beans elements
- c. Scripting elements
- d. Standard action elements

88. Which of the following scripting element is used to embed scripting code expressions when the result shall be added to the response?

- a. `<%.....%>`
- b. `<% = .....%>`
- c. `<%!.....%>`
- d. `<%?.....%>`

89. A servlet container and a JSP container are often combined in one package under the name _____.

- a. Server
- b. JSTL
- c. JSP Container
- d. Web Container

90. Which of the following is a standard action element of JSP?

- a. `<jsp:throwBean >`
- b. `<jsp:include>`
- c. `<jsp:backward>`
- d. `<jsp:plug>`

91. Which of the following scripting element used to embed scripting code?

- a. `<%.....%>`
- b. `<% = .....%>`
- c. `<%!.....%>`
- d. `<%?.....%>`

92. The _____ elements, specify information about the page itself that remains the same between requests.

- a. standard action
- b. custom action
- c. scripting
- d. directive

93. _____ can be used directly in template text or to assign values to action element attributes.

- a. Directive elements
- b. Scripting elements
- c. EL expressions
- d. Custom action elements

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94. _____ elements typically perform some action based on information that is required at the exact time JSP page is required by a browser.

- a. Directive
- b. Standard action
- c. Custom action
- d. Scripting

95. _____ elements, allow you to add small pieces of code in a JSP page, such as an if statement to generate different HTML depending on a certain condition.

- a. Directive
- b. Standard action
- c. Custom action
- d. Scripting

96. In MVC terms, the Model corresponds to

- a. Presentation
- b. Request processing
- c. Business logic and data
- d. Response

97. The _____ is also responsible for invoking the JSP page implementation class to process each request and generate the response.

- a. JSP container
- b. Servlet container
- c. Web container
- d. Server container

98. Which of the following scripting element is used to declare variables and methods in the JSP page implementation class?

- a. `<%.....%>`
- b. `<% = .....%>`
- c. `<%!.....%>`
- d. `<%?.....%>`

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99. What is the default shell for Linux ?

- a. born
- b. bash
- c. c
- d. korn

100. JRE stands for

- a. Java Runtime Environment
- b. Jakartha Runtime Environment
- c. Java Recovered Exception
- d. Java Runtime Exception

101. Tomcat can be configured to use _____ instead of the javac compiler available in the java 2 SDK from Sun.

- a. kikies
- b. pikies
- c. jikies
- d. tikies

102. _____ is a pure Java web server with support for the servlet 2.4 and JSP 2.0 specifications.

- a. tomcat 2
- b. tomcat 3
- c. tomcat 4
- d. tomcat 5

103. Tomcat is pure

- a. web server
- b. web container
- c. web browser
- d. web application

104. PATH environment variable is located in which directory?

- a. /include
- b. /lib
- c. bin
- d. /web-app

105. In Java to see weather the environment variable is set or not, what is the command you can use in windows?

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a. echo % java _ HOME %

b. export Java _ HOME= / usr / local/jdk1.1.2

c. expost cotalinw _ HOME= / usr / local /

d. export PATH = \$ JAVA _ HOME/bin

106. In JSP page how many types of builds are available?

a. 2 b. 4 c. 3 d. 5

107. In the development of Tomcat, which you can use from the following?

a. Milestone builds

b. Nightly builds

c. Release builds

d. Export builds

108. Most operating system vendors have their own _____ implementation available for free.

a. sdk b. jsk c. jkc d. jsp

109. c: Jakarta Jakarta-tomcat bin >command.com / E:4096/p this command sets the environment space to _____

a. 6KB

b. 4KB

c. 2KB

d. 8KB

110. _____ is the name of the JSP container

a. kasper

b. jasper

c. tasper

d. sasper

111. In which directory Windows batch files used for starting and stopping the server?

a. /lib

b. /bin

c. /include

d. /web-app

112. Which of the following build is very unstable?

a. milestone builds

b. release builds

c. nightly builds

d. accept builds

113. _____ is the name of the servlet container

a. Catalina

b. Satalina

c. Matalina

d. Tatalina

114. What is the error message you run startup.bat file in Windows 95/98/ME?

a. file not found

b. file server not found

c. http status 400 not found

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d. out of environment space

115. Which file is the main script for controlling the server?

a. startup.bat

b. shutdown.bat

c. catalina.bat

d. restart.bat

116. What is the default location for applications served by tomcat?

a. /conf

b. /webapps

c. /bin

d. /include

117. In testing Tomcat, if something does not work as expected, you will look into which directory?

a. /work b. /conf c. /logs d. /webapps

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118. _____ are stable releases that have been tested extensively and verified to comply with the servlet and JSP specification.

a. milestone builds

b. release builds

c. nightly builds

d. accept builds

119. _____ are created as interesting steps towards a release build.

a. milestone builds

b. release builds

c. nightly builds

d. accept builds

120. The _____ directory contains Unix scripts for starting & stopping the server.

a. root

b. home

c. conf

d. bin

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121. The _____ directory for the example application contains a no of JAR files

a. bin

b. classes

c. lib

d. home

122. Which of the following is a subdirectory of tomcat home directory?

a. logs

b. binary

c. config

d. webapplications

123. If something does not work as expected look in the files in _____ directory for clues as to what's wrong.

a. work

b. bin

c. conf

d. logs

124. WEB-INF directory contains which file and directory?

a. web.xml, lib, and classes

b. web.xml, lib, and objects

c. container, lib, and classes

d. web.xml, bin, and classes

125. Who is not contributing to Tomcat from the following?

a. Oracle

b. IBM

c. Netscape

d. Microsoft

126. Which of the following is a subdirectory of tomcat home directory?

a. binary

b. config

c. work

d. webapplications

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127. Tomcat configuration files are stored in _____ directory

a. conf b. bin c. web applications d. logs

128. In which directory temporary files created by JSP container and other files?

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- a. /logs
- b. /work
- c. /conf
- d. /bin

129. What is the default port number, which is used in Tomcat server?

- a. 80
- b. 8080
- c. 2525
- d. 25

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130. How many projects Jakarta includes?

- a. 2
- b. 4
- c. 3
- d. 5

131. _____ is a directory for temporary files created by the JSP container and other files.

- a. logs
- b. work
- c. conf
- d. webapplications

132. In JSP taglib directive may contain how many attributes?

- a. 3
- b. 4
- c. 5
- d. 2

133. Which protocol we will use in web applications?

- a. FTP
- b. SMTP
- c. HTTP
- d. TCP/IP

134. Match the following

- 1. comments ; ; ; ; ; ; ; ; a)
- 2. expressions ; ; ; ; ; ; ; ; b)
- 3. scriptlet ; ; ; ; ; ; ; ; c)
- 4. declarations ; ; ; ; ; ; ; ; d)

a. 1-c, 2-d, 3-a, 4-b

b. 1-a, 2-b, 3-d, 4-c

c. 1-d, 2-c, 3-a, 4-b

d. 1-c, 2-d, 3-b, 4-a

135. In JSP page directive content type attribute is of which type specifier?

- a. MIME type
- b. JPEG type
- c. MPEG type
- d. ZIP type

136. The action is part of the

- a. custom tag library
- b. JSTL
- c. Expression language
- d. Directory

137. Which of the following is not a JSP directory?

- a. page
- b. useBean
- c. include
- d. taglib

138. Which file contains information about security requirements in JSP page?

- a. web.xml
- b. index.html
- c. orataglib-3-0.jar
- d. startup.bat

139. Which is deployed when creating the context path?

- a. .jar
- b. .war
- c. .xml
- d. .jsp

140. Which directory contains the application deployment description?

- a. /Catalina
- b. /lib
- c. /bin
- d. /WEB-INF

141. Which attribute of the page directive is used to handle run time exceptions?

- a. errorpage
- b. isErrorpage
- c. import
- d. info

142. A JSP directive elements starts with which identifier?

- a.
- b. <@
- c. <%@
- d. <@ %

143. Generating the Java servlet source code from a >jsp file is known as

- a. request time
- b. translation time
- c. wait time
- d. average time

144. JSP action elements can be invoked at

- a. compile time
- b. run time
- c. load time
- d. translate time

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145. How many categories of JSP elements can be grasped?

- a. 2
- b. 4
- c. 3
- d. 5

146. Which of the following standard action elements adds a parameter value to a request of to another servlet or JSP page?

- a. `<jsp:usebean>`
- b. `<jsp:include>`
- c. `<jsp:plugin>`
- d. `<jsp:param>`

147. Which method will be faster at run time?

- a. `<%@export="---"%>`
- b. `<%@import="....."%>`
- c. `<@include%>`
- d. `<jsp:include>`

148. Which of the following scripting element is used for a block of code to be executed?

- a. Declaration
- b. Expression
- c. Statement
- d. Scriptlets

149. In how many ways to include other resources in JSP?

- a. 4
- b. 3
- c. 2

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d. 1
150. In which of the following JSP page directive is used to copy static text into JSP source code?

- a. `<@include%>`
- b. `<%@import = "....."%>`
- c. `<%@export = .....%>`
- d. `<jsp:include>`

151. Which method will be faster at compile time?

- a. `<@include%>`
- b. `<%@import = "....."%>`
- c. `<%@export = .....%>`
- d. `<jsp:include>`

152. How many types of scripting elements are there?

- a. 2
- b. 3
- c. 4
- d. 5

153. _____ objects are instances of classes defined by the servlet of JSP specification.

- a. implicit
- b. explicit
- c. internal
- d. external

154. _____ variable contain a reference to an object represents current response time.

- a. request
- b. response
- c. session
- d. out

155. When fixed servlet is loaded, which of the following method is called by the container?

- a. `init()`
- b. `destroy()`
- c. `service()`
- d. `serinit()`

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156. _____ is declared in JSP scriplet or declaration.

- a. scoped variable
- b. scripting variable
- c. session variable
- d. page variable

157. In JSP specification provides a page context object provides how many levels of attributes?

- a. 2
- b. 3
- c. 4
- d. 5

158. _____ `jspService()` method available in which jsp class?

- a. `javax.servlet.`
- b. `javax.servlet.jsp.`
- c. `javax.servlet.jsp.jspPage`
- d. `javax.servlet.jsp.jspEngine Info`

159. What is successful status on HTTP message?

- a. 400
- b. 100
- c. 200
- d. 300

160. Collection of tags are organized into tag libraries that can be packaged as _____ files.

- a. zip
- b. jar
- c. war
- d. tar

161. In value attribute code, the value of expression must be

- a. int
- b. character
- c. string
- d. byte

162. A class attribute value in the `<jsp:usebean>` action must be known in the

- a. transition phase
- b. request phase
- c. service phase
- d. response phase

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163. _____ is a Java class that extends a server with fox for processing a request and providing response.

- a. Bean
- b. Servlet
- c. Structs
- d. Hibernate

164. A _____ is a component that can intercept a request targeted for a servlet.

- a. Filter
- b. Servlet
- c. Jsp
- d. Web

165. Which method is the heart of the JSP request processing logic?

- a. `jspDestroy()`
- b. `jspInit()`
- c. `service()`
- d. `jspService()`

166. Which method will be invoked in HTTP request processing?

- a. GET
- b. POST
- c. PUT
- d. DELETE

167. TLD stands for

- a. tag library descriptor
- b. tag library development
- c. tag language descriptor
- d. tag language development

168. Mmapping tag libraries can be done in which file?

- a. xml
- b. class
- c. java
- d. jsp

169. Object in the _____ are available to all request made from same browser.

- a. page
- b. session
- c. request
- d. application

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170. A _____ is a nameframe pair that the server passes to the browser in response header?

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

171. JCA stands for

- a. Java Connection Architecture
- b. JSP connection Architecture
- c. J2EE connector Architecture
- d. JDBCdbc connection Architecture

172. JTA stands for

- a. Java Transaction API
- b. Java Transormsaction API
- c. Java Transmit API
- d. Java Transfer API

173. Which of the following class is the super class for all JSP released exception?

- a. Exception ()
- b. JspException ()
- c. JspTagException ()
- d. SkipPageException ()

174. _____ is a internal to be used by tag heandler to indicate un recoverdabale error ?

- a. JspException ()
- b. JspTagException ()
- c. ELException ()
- d. ELPageE xceptionxception ()

175. A simple tag handler thrown a _____ exception to tell the container to stop processing a page.

- a. ELParse
- b. JSPEException
- c. SkipPage
- d. JSPTag

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176. In JSP, javax.Servlet.Jsp..jsp Factory is a _____

- a. Calass
- b. Inter face
- c. Abstract class
- d. Null Interface

177. In JSP, javax.Servlet.Jsp.JspPage is a _____

- a. Claalss
- b. Inter face
- c. Abstract class
- d. Null Interface

178. _____ interface provides methods for handling exceptions thrown while evaluating a body of an action elements.

- a. Try
- b. TryCatchFinally
- c. TryCatch
- d. Finally

179. _____ class represents an interface to the generic runtime environment available to simple tag handler.

- a. Bodytagsupport
- b. Bodycontext
- c. Requestdispatcher
- d. JSPcontext

180. To create new constructor in JSP with no error me ssnages ?

- a. exception ()
- b. jJsp Exception ()
- c. jJsp Init()
- d. jJspSservice ()

181. In JSP to returns the exception that caused ?

- a. get Ccaunse ()

- b. getR root ()
- c. get Mmanage ()
- d. get Rroot canse ()

182. A sub interface of JSP ExceptionEngine used in tag servlets to indicates a _____

- a. Compile time error
- b. Rrun time error
- c. Fatal error
- d. Logical error

183. In JSP, javax.servlet.jsp.page Ccontext is a _____

- a. class
- b. abstract class
- c. interface
- d. null interface

184. The container means an instance of ErrorData available for JSPsp error pages through the _____ for the

- a. page context
- b. Application context
- c. Session
- d. Request context

185. Which of the following action can only be used in the body of is a action ?

- a. `<jsp:element>`
- b. `<jsp:forward>`
- c. `<jsp:output>`
- d. `<jsp:fallback>`

186. In HTTP response codes 3xx species ?

- a. In formational
- b. Success
- c. Server error
- d. Re direction

187. The out variable is assigned to a concrete subclass of _____ abstract class by the web container?

- a. Page context
- b. Application context
- c. JSP writer
- d. JSP Rreader

188. In HTTP response codes 5XX specifies

- a. informational
- b. success
- c. client error
- d. server error

189. Which of the following standard action can be used to provide support for cookie genuine tracking?

- a. `<jsp:forward>`
- b. `<c:redirect>`
- c. `<c:url>`
- d. `<jsp:include>`

190. The process of converting objects to a stream of bytes that can be stored in a file or transmitted network is

- a. internalization
- b. serialization
- c. externalization
- d. synchronize

191. In HTTP response codes 4XX specifies

- a. informational
- b. success
- c. client error
- d. server error

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192. <sp:forward> action stops processing of one page and starts processing a page specified by the page attribute called the

- a. front page
- b. home page
- c. web page
- d. target page

193. When browser sends request to a server it checks its ___ and include all cookies it has received from the same server.

- a. cookie JAR
- b. cookie WAK
- c. cookie
- d. cookie Zip

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194. A small named data elements are sent to the client and returned to the server when the page is registered ?

- a. session
- b. url
- c. cookie
- d. hidden fields

195. In HTTP response code 100 indicates

- a. ok
- b. continue
- c. created
- d. switching protocol

196. _____ represents pure business data and rules for how to use this data.

- a. view
- b. controller
- c. model
- d. userinterfere

197. _____ is for object that need to be available to all pages processing a same request.

- a. page scope
- b. request scope
- c. session scope
- d. application scope

198. _____ keep the information on the server and pass only an identifier between a browsers and servers.

- a. URL Rewriting
- b. Session tracking
- c. Session ID
- d. Session Control

199. The default scope for object are

- a. page scope
- b. application scope
- c. request scope
- d. session scope

200. On a page reference starts with / its interrupted relative to the top directory for the applications web page files, this is called

- a. page relative path
- b. context relative path
- c. absolute path
- d. relative path

201. _____ is a connection type that provides access to individual elements through as identifier known as key ?

- a. map
- b. list
- c. hash
- d. class

202. The term which is not related web application deployment

- a. servlet container

- b. Jsp container
- c. Web container
- d. Collections

203. Which type driver is a pure Java library that translate JDBC requests directly to database - specific protocol ?

- a. type - 1 driver
- b. type -2 driver
- c. type -3 driver
- d. type - 4 driver

204. _____ is set of classes and interfaces it allows a Java application to handle SQL statements to a database in a window independent way ?

- a. JDBC API
- b. JNDI
- c. JDO
- d. ODBC

205. J2EE defines more flexible way to make a data source or any other shared resources available through a _____ ?

- a. JDBC
- b. ODBC
- c. JNDI
- d. JMS

206. Which type diver translates JDBC to ODBC and relies on an ODBC driver to communicate with the database ?

- a. type- 1 driver
- b. type -2 driver
- c. type -3 driver
- d. type - 4 driver

207. Which type driver is a pure Java client library for data base ?

- a. type - 1 driver
- b. type -2 driver
- c. type -3 driver
- d. type - 4 driver

208. Which methods you must call once more the iterator to the first row ?

- a. first()
- b. next()
- c. previous()
- d. last ()

209. Getconnection() method is available in which class ?

- a. drive
- b. drive manager
- c. statement
- d. result set

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210. How many types of drivers exits in Java ?

- a. 2
- b. 3
- c. 4
- d. 5

211. Which class manages a list of database drivers ?

- a. driver
- b. driver manager
- c. connection
- d. statement

212. Which type driver is written partly in Java and partly in native code

- a. type - 1 driver
- b. type -2 driver
- c. type -3 driver
- d. type - 4 driver

213. Integer or Int datatype can occupy how many bits in SQL ?

- a. 16 bits

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- b. 32 bits
- c. 48 bits
- d. 64 bits

214. OCI stands for _____

- a. Object Call Interface
- b. Oracle Connection Interface
- c. Oracle Call Interface
- d. Object Connection Interface

215. Statement used to execute _____ SQL strings ?

- a. dynamic
- b. static
- c. user level
- d. run time

216. Which one of the following is not a database ?

- a. SQL
- b. My SQL
- c. Dbase
- d. Sap

217. Precompiled SQL statements can be written by which class ?

- a. statement
- b. callable statement
- c. prepared statement
- d. result set

218. The request generated by the _____ action is an instance of the javax.servlet.jsp.jstl.sql.result class.

- a. <sql: param>
- b. <sql: update>
- c. <sql: query>
- d. <sql: table>

219. A _____ action generates an HTML table with all rows from the result.

- a. <c: forEach>
- b. <c: forRandom>
- c. <c: Chose>
- d. <c: forRow>

220. Using prepared statements you can avoid which type of errors ?

- a. static syntax errors
- b. dynamic syntax errors
- c. fatal errors
- d. exception at in SQL

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221. ResultSet is of which type _____

- a. class
- b. abstract class
- c. interface
- d. NULL interface

222. To invoke stored procedures you can use which class ?

- a. prepared statement
- b. callable statement
- c. statement
- d. driver manager

223. In which interface provides information about structures and capabilities of database ?

- a. result set
- b. database meta data
- c. result set meta data
- d. statement

224. An interface which specifies column result set ?

- a. drive manager
- b. result set
- c. database metadata
- d. result set metadata

225. Which method you can use to execute SQL select statement and to return a result set?

- a. execute()
- b. executequery ()
- c. executeupdate ()
- d. executebatch ()

226. Executeupdate() method return type is _____ .

- a. string
- b. byte
- c. char
- d. int

227. _____ is the attribute name of Java type javax.sql.datasource.

- a. data select
- b. data source
- c. data object
- d. data post

228. For each specific database engine an implementation of the interface defined by the JDBC API ? translate the generic calls to the format understood by the engine called As ?

- a. JDBC driver
- b. JDBC ODBC bridge
- c. Java native
- d. JDBC URL

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229. The _____ page uses the JSTL <c:if> action and the custom action to validate all user input.

- a. invalid.jsp
- b. validate.jsp
- c. enter.jsp
- d. input.jsp

230. The _____ created based on the context parameter information show earlier or by the <sql.setdatasource> action does not represent a connection pool.

- a. driver
- b. password
- c. scope
- d. data source

231. Which of the following is not JDBC own class for date and time values ?

- a. java.sql.date
- b. java.sql.time
- c. java.sql.time.stamp
- d. java.sql.result set

232. JNDI stands for ?

- a. Java Native and Development Integration
- b. Java Naming and Directory Interface
- c. Java Naming and Directory
- d. Java Native and Directory Interface

233. The _____ action replaces a place holder, marked with question mark (?) in the SQL statement with a value.

- a. <sql: query >
- b. <sql: data source>
- c. <sql:setdata source>
- d. <4sql:param >

234. The _____ actions reads information from a database using SQL select statement, specified elements body or a SQL attribute value.

- a. <sql:param>
- b. <sql:query>
- c. <sql:update>
- d. <sql:setdata source>

235. Most databases interpret the _____ part of the start of a comment, so what ever comes after these characters is ignored.

- a. ``??"

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b. `` \_ ``

c. `` + + ``

d. `` ``

236. The _____ action can create an instance of any class that has a no-arguments constructor like the java.util.data class.

a. <jsp:usebean>

b. <jsp:include>

c. <jsp:param>

d. <jsp:page>

237. The data source attribute imported by all JSTL database actions also accepts a _____ path.

a. JNDI

b. JNS

c. JDK

d. J2EE

238. The JSP _____ also supports access to bean properties.

a. Express languages

b. Enterprise language

c. Expression language

d. Evaluation language

239. The nice thing about using a bean is that it can _____ all information about the item it represents in one simple package.

a. inherit b. polymorphism c. bind d. encapsulate

240. The beans can be changed into proxies for one or more EJB session beans acting as part of the controller for the application.

a. utility bean

b. set bean

c. work bean

d. value bean

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241. A _____ is often used in JSP as the container for the dynamic context to be displayed by a web page.

a. bean

b. servlet

c. translator

d. container

242. The value returned by <jsp:getproperty> an EL expression directory in template text or <c:out> is always converted to

a. _____.

a. integer

b. string

c. Byte

d. Object

243. A bean class must have a _____ constructor.

a. single -argument

b. two-argument

c. three -argument

d. no -argument

244. Which of the following action obtains the current value of a bean property and inserts it directly into the response body ?

a. <jsp:attribute >

b. <jsp:getproperty >

c. <jsp: setproperty >

d. <jsp: property >

245. The _____ action can only be used in the body of a JSP element.

a. <jsp: attribute>

b. <jsp:getproperty>

c. <jsp: setproperty>

d. <jsp: property>

246. An alternative to the _____ standard action is the JSTL <c:set> action.

a. <jsp: attribute>

b. <jsp:getproperty>

c. <jsp:setproperty>

d. <jsp:property>

247. The bean class should implement the _____ interface to allow a tool to save and restore the bean's state.

a. java.io.serializable

b. java.io.parallelizable

c. java.io.sequentializable

d. java.io.internalizable

248. Which one of the following supports for a modular design?

a. servlets b. struts c. filters d. listeners

249. The extension rule, using the extension _____, is the one that's recommended for mapping requests that should be processed by Struts.

a. .done b. .until c. .do d. .date

250. A _____ is a component that can interpret a request targeted for a servlet, JSP page, or static page, as well as the response before it's sent to the client.

a. servlet b. filter c. listener d. package

251. The _____ servlet uses parts of the request URI to figure out which type of request it is, located the corresponding action Class, and invokes the perform() method.

a. servlets b. struts c. filters d. listeners

252. A _____ is a java class that extends a server with functionality for processing a request and producing a response.

a. servlet

b. filter

c. listener

d. package

253. _____ allow your application to react to certain events.

a. servlet

b. filter

c. listener

d. package

254. Struts is a _____ frame work.

a. small

b. medium

c. large

d. very small

255. The _____ method returns a struts action forward instance, containing information about the JSP that should be invoked to render the response.

a. action()

b. send()

c. find()

d. perform()

256. Which one of the following supports for mapping of symbolic page names to the real UR Is?

a. servlets

b. struts

c. filters

d. listeners

257. Struts is a highly configurable _____.

a. servlet

b. filter

c. listener

d. package

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