**WCD**

1. Which of the following status code means the request placed is syntactically incorrect ?

**400** ( 55 )

1. The \_\_\_\_\_\_\_\_\_\_ method is called by the servlet container to allow the servlet to respond to a request.

**service()** ( 65 )

1. A bean class in JSP for using JavaBeans must have a \_\_\_\_\_\_\_\_\_\_ argument constructor.

**zero** ( 244 )

1. Which of the following is a coding system which has codes for all the major languages of the world?

**Unicode** ( 348 )

1. \*Which of the following is not a JSP engine ?

**Tomcat** ( Online )

1. A JSP engine converts JSP codes into a \_\_\_\_\_\_\_\_\_\_ code.

**Servlet** ( 319 )

1. Which of the following is a generic exception and is thrown to avoid invocation of the error page mechanism?

**All of the above** ( 327 )

1. The \_\_\_\_\_\_\_\_\_ method is used for handling tag processing and it retains body iteration after being processed.

**doTag()** ( 340 )

1. The tag directive is similar to a page directive but it is used in JSP tag fileds. **False** ( 204 )
2. Based on the layer on which an application is run and the accessibility to be given to the users, the applications are classified as which of the following?

**🗹 Desktop Application**

**🗹 Networking Application**

**🗹 Web Application** ( 2 )

1. Which of the following are the advantages of Web application over desktop application?

**🗹 Easier access**

**🗹 Platform independency** ( 3 )

1. Which of the following are the stages of the life cycle of a Servlet ?

**🗹 Instantiation**

**🗹 Initialization** ( 34 )

1. Which of the following are the methods of HttpServletRequest?

**1. getHeader()**

**2. getRemoteUser()** ( 386 )

**3. getRemoteHost()** ( Online )

1. Which of the following methods of ServletContext and ServletRequest class create object for the RequestDispatcher interface?

**1. getRequestDispatcher( String path )**

**2. getNamedDispatcher( String name )** ( 59 )

1. The web.xml has which of the following elements for filter mapping?

**1. <filter-name>**

**2. <url-pattern>**

**3. <servlet-name>** ( 98 )

1. JSP is used for which of the following reasons?

**All of the above**

1. Which of the following are the Implicit Objects?

**🗹 pageContext**

**🗹 servletContext**

**🗹 session** ( 272 )

1. The JSTL SQL tag provides which of the following functionalities?

**🗹 Passing database queries**

**🗹 Accessing query results**

**🗹 Database modification** ( 303 )

1. The WEB-INF directory consists of which of the following?

**1. classes directory**

**2. lib directory**

**3. tags directory** ( 19 )

**4. tlds directory** ( 316 )

1. Which of the following are correct about Tag Files and TLDs?

**🗹 Tag files are reusable components for JSP pages while TLD?s are local to a project**

**🗹 TLDs are higher level components as compared to tag files.**

1. JSTL provides which of the lowing main tag libraries?

**1. Core tag library**

**2. SQL tag library**

**3. XML tag library** ( 295 )

1. Which of the following are the main ways of developing and using tag libraries with a JSP engine?

**2. Implicit mapping with tag library JAR**

**3. Explicit mapping**

1. Which of the following directives are associated with tag files?

**🗹 The tag Directive**

**🗹 The include Directive**

**🗹 The taglib Directive** ( 204 )

1. Which of the following objects allow access to the carious scoped variables?

**1. pageScope**

**2. requestScope**

**4. application Scope** ( 274 )

1. Which of the following method is not present in HttpServlet class?

**doService()** ( 25 )

1. Which of the following method of ServletRequest interface returns binary data sent by the client along with the request and stores it in a ServletInputStream object?

**getInputStream()** ( 37 )

1. Which of the following are the request headers available?

**1. Accept**

**2. Accept-Charset**

**3. Accept-Encoding**

**4. Authorization** ( 38 )

1. Which of the following methods of HttpServletRequest is/are used for indentifying user?

**1. getAuthType()**

**2. getCookies()**

**3. getHeader()** ( 386 )

1. Which of the following authentication mechanisms are used to validate user authenticity?

**1. HTTP basic authentication**

**2. HTTP digest authentication**

**3. Secured HTTP ( HTTPS ) client authentication**

**4. Form-based authentication** ( 378 )

1. Which of the following JSP constructs are used in a JSP page?

**1. Scripting elements**

**2. Directives**

**3. Actions** ( Online )

1. Errors are reported using sendError() and setStatus() methods.

**True** ( 65 )

1. The URL rewriting keeps unique value that can be utilized to identify the client and track the session.

**True** ( 70 )

1. Which of the following method of the application object returns the name and version number of the servlet engine?

**getServerInfo()** ( 224 )

1. Input and output objects consist of request object, response object, out object and the err object.

**False** ( 214 )

**Đề thi 18082018**

1. Indentify the HTTP method that is used to send resources to the server

⭘PUT

⭘HEAD

⭘OPTION

⭘POST **đúng** ( 9 )

1. Which of the following statements are **correct** regarding the JSP life cycle?

⭘In the Transalation phase, a servlet code to implement JSP tags is automatically generated, compiled, and loaded into the servlet

( 199 ) **thiếu container**

⭘The \_jspService() method corresponds to the body of the servlet page.

( 200) **servlet vs jsp hoàn toàn khác nhau**

⭘After translation, the Servlet source code is compiled to class file which is a compiled Servlet class.

( 200 ) **đúng**

⭘The jspInit() method is invoked when the Servlet page is initialized and loaded

( 200 ) **sai**

1. Consider that there is a Servlet named, ‘TestServlet’ is being developed.

Which Servlet method of TestServlet will be called, when a user clicks the hyperlink <a href=””/TestServlet?name=’adv””>Click Me!!!</a>?

⭘doGet() **đúng** ( 72 )

⭘doPost()

⭘doPut()

⭘doDelete()

1. Which of the following statements are correct regarding the ServletContext interface?

🞎The ServletContext API is used to set the information common to all Servlet in an application

( 52 ) **sai The servlet api is used**

🞎Servlets running in the same server cannot share resources if ServletContext is not initialized in the application

( 52 ) **sai server share resources**

🞎There is one context per “Web application”.

( Onl ) **đúng** **There is one context per "web application" per Java Virtual Machine**

🞎The attributes of ServletContext class can be used to share information among a group of servlets.

( 52 ) **đúng**

1. Identify which of the following statements are **incorrect** about exception classes defined in the javax.servlet package.

⭘The JspTagException is a sub class of the JSPException. ( 327 ) **đúng**

⭘The IOException is thrown when the methods encounter any error while buffering any output. **đúng**

⭘The JspException is thrown by a tag handler to indicate some unrecoverable error while processing a JSP page. ( 327 ) **đúng**

⭘The uncaught JSPTagException error will result in an invocation of the error page. ( 327 ) **sai**

1. The getSession(true) will **return the session object** when:

⭘The session is completed

( 84 ) **sai tạo ra chứ chưa gửi về JSP**

⭘The session object is passed to another session object

( 84 ) **sai gửi qua session khác k để làm gì**

⭘The session does not exists

( 84 ) **sai k có thì nó tạo mới với isNew**

⭘The session object is passed to a JSP page

**đúng**

1. Which of these statements about the life cycle of a filter are **true**?

🞎The init() method is called by the servlet container several times to initialize the filter.

( 96 ) **dư several times**

🞎The doFilter(request, response) method examines the request or response headers and also customizes them as per requirement.

( 96 ) **sai k nhất thiết (request, response) trong đó**

🞎The doFilter() method throws ServletException.

( 96 ) **đúng có ném cái này vs IOException**

🞎The Filter interface must be implemented to create a filter class.

( 96 ) **đúng**

1. Consider a situation where you need to **send a binary text output in a response**.

Which method of **HttpServletResponse** can be used to get the appropriate stream object?

⭘getStream()

⭘getOutputStream() ( Onl ) **đúng ServletOutputStream + nó => binary**

⭘getBinaryStream() ( Onl ) **sai bên SQL**

⭘getWriter() ( Onl ) **sai PrintWriter + nó => character**

1. Which of the following are the valid operations performed using filters?

🞎Compressing the response data stream ( 94 ) **đúng Data compression**

🞎Transforming the response ( 94 ) **đúng Encryption**

🞎Logging Servlet performance ( 94 ) **đúng Logging and auditing**

🞎Unblocking access to the resources ( 94 ) **sai Anthentication**

1. Consider a scenario where a pet bean returns an array of two Human object from a method named, getMemberNames().

Which of the following EL expression would display the name of the first member from the array?

⭘${requestScope.pet.memberName[0].name}**đúng**

⭘${requestScope.pet[0].memberName[0].name()}**sai**

⭘${requestscope.pet.arr[0]=memberName[0].name} **sai requestScope**

⭘${RequestScope.pet.arr[0]=memberName[0].name} **sai requestScope**

1. Identify the method that checks for the status code of the error and sends specified response in the message to the user.

⭘setStatus()

⭘log()

⭘sendError() ( 56 ) **đúng**

⭘raiseError()

1. The \_\_\_\_\_class implements the SimpleTag interface.

⭘SimpleTagSupport ( 340 ) **đúng**

⭘JspTag

⭘IterationTag

⭘BodyTag

1. Which of these systax regarding tags in JSP are correct?
2. Public int doEndTag() throws JspException ( 342 ) **đúng**
3. Public int doStartTag() throws JspException ( 342 ) **đúng**
4. Public int doStartTag() throws JspTagException ( 342 ) **sai**
5. Public int doEndTag() throws JspTagException ( 342 ) **sai**

⭘A, B **đúng**

⭘A, C, D

⭘A, B, D

⭘C, D

1. The life cycle of a Servlet is managed by \_\_\_\_\_.

⭘Servlet Container ( Onl ) đúng manage components

( Onl ) **đúng manage components ;Web container handle Http req,res**

⭘ServletContext

⭘HTTP Protocal

⭘Web Server

1. Which of the following statements about Web application directory structure are **true**?

🞎All the HTML pages and images comprise the dynamic files of the Web application.

( 18 ) **sai the static files**

🞎The lib directory contains java archive files required for Web application resources such as database drivers.

( 18 ) **dư resources**

🞎web.xml provides configuration information for the components of the Web application.

( 18 ) **đúng**

🞎Servlet, JavaBean, and other classes required by the Web applications are stored in classes directory. ( 18 ) **đúng**

1. Identify the correct merits of servlets.

🞎Servlets are easy to use. ( 14 ) **đúng**

🞎Servlets are portable. ( 14) **đúng**

🞎Servlets are less efficient than other scripting languages. ( 14 ) **sai**

🞎Initialization code in Servlets is executed for every request received from the client ( 14 ) **sai**

**Đề thi 2**

1. Which of the following is a **correct** syntax of the getAttribute() method?

⭘public Object getAttribute(String name1) ( 164 ) **đúng**

⭘public Object getAttribute(String name1, Object1 object1)

⭘public Object getAttribute(Object object1)

⭘public Name getAttribute(Object object1)

1. Which of the following attribute is used in the form containing a **file upload** control?

🞎enctype=”multipart/form-data” ( 116 ) **đúng**

🞎enctype=”application/x-www-form-urlencoded”

🞎enctype=”text/plain”

🞎enctype=”multipart/form-data-HTML”

1. Which of the following object informs the browser about the type of **file/data** that is getting transferred?

⭘Request

⭘Response ( 44 ) **đúng**

⭘Parameter

⭘Servlet

1. If you set the \_\_\_\_\_attribute **value to true**, then the container will ignore all annotations in the Servlet files

⭘maxWait

⭘maxActive

⭘poolPreparedStatements

⭘metadata-complete ( 109 ) **đúng**

1. Which of the following error code is assocrated with the message ?**Resource Not Found**??

⭘301

⭘302

⭘404 ( 55) **đúng**

⭘408

1. A **servlet-mapping** element specifies \_\_\_\_\_

⭘Association between URL pattern and the name of a declared Servlet

( 19 ) **đúng**

⭘Association between a URL pattern and the requested page.

⭘Assocaation between a URL pattern and the response page.

⭘ Association between the Servlet alias name and the Servlet class

1. Which of the following options that make use of JSP internationalization will display 577%?

⭘double d = 5.769351, String P1= NumberFormat.getPercentInstance().format(d); System.out.printIn(P1);

**đúng**

⭘ double d = 5.769351, String P1= NumberFormat.getPercentInstance(locale).format(d); System.out.printIn(P1);

⭘double d = 5.769351, String P1= NumberFormat.getPercentInstance(locale); System.out.printIn(P1);

⭘double d = 5.769351, String P1= NumberFormat.getPercentInstance(); System.out.printIn(P1)

1. Which of the following mechanisms are **available** in **ServletContextListener** interface?

⭘contextInit(0, contextService(), contextDestroyed()

⭘contextInittialized(), contextDestroyed() ( 148 ) **đúng**

⭘contextInitialized(), contextService(), contextDestroyed()

⭘None of the above

1. Which method among the following methods **belongs** to **HttpSessionBindingListener**?

⭘public void attributeAdded(HttpSessionBindingEvent se)

⭘public void valueUnbound(HttpSessionBindingEvent event)

( 156 ) **đúng**

⭘public void attributeRemoved(HttpSessionBindingEvent se)

⭘public void removeValue(java.lang.String.name)

1. Which method among the following methods belongs to **HttpSessionEvent** class?

⭘public HttpSession getSession() ( 161 ) **đúng**

⭘public void sessionDidActivate(HttpSessionEvent se)

⭘public void sessionCreated(HttpSessionEvent se)

⭘public void attributeAdded(HttpSessionBindingEvent se)