**Descriptive**

**(46-53)**

Q: What is Servlet?

Ans: Servlet is a server-side component which helps to process jsp page in to dynamically. It also helps to processing request and response in a protocol independent manner

**(56-67)**

Q: Define deployment descriptor.

Ans: The deployment descriptor gives the container information about the components that you are

Deploying to it.

Q: What is HTTP Servlet?

Ans: The main class in the javax.servlet.http package is the HttpServlet abstract class. The javax.servlet.http package provides classes that can be used and extended to develop servlets that provide

HTTP-specific functionality.

Q: What is HttpServletResponse interface?

Ans: The HttpServletResponse interface is used to provide a response to the request to your servlet.

**(68-75)**

Q: Write down some special criteria of valid deployment descriptors for web applications?

Ans: some special criteria of valid deployment descriptors for web applications are:

a) The file must conform to the web application XML Schema.

b) The deployment descriptor must be a well-formed XML file.

c) The deployment descriptor must be named web.xml.

d) The deployment descriptor must reside at the top level of the WEB-INF directory of your web application.

Q: Write down some special features which are belong to deployment descriptors or web.xml file?

Ans: Some special features which are belong to web.xml file

a) Servlet definitions and mappings

b) Servlet context initialization parameters

c) Error pages

d) JSP configuration elements

Q: What is <servlet> tag?

Ans: The <servlet> tag contains several child tags that give information about the declaration

of the servlet. Example:

<servlet>

<servlet-name>Servlet2</servlet-name>

<servlet-class>com.apress.projsp.Servlet2</servlet-class>

</servlet>

Q: What is <servlet-name>tag?

Ans: The <servlet-name> tag gives the servlet’s unique name within the web application.Example:

<servlet-name>student</servlet-name>

Q: What is <servlet-class>tag?

Ans: The <servlet-class> tag gives the fully qualified class name of the class that implements the functionality

of this servlet. Example:

<servlet-class>com.apress.projsp.Servlet2</servlet-class>

Q: What is <init-param>tag?

<init-param> tag allows you to specify initialization parameters for our servlet.Example:

<init-param>

<param-name>version</param-name>

<param-value>0.1b</param-value>

</init-param>

Q: What is <servlet-mapping>?

Ans: The servlet-mapping element associates a URL pattern to a servlet instance. The servlet-mapping

Always contains a servlet-name element and a url-pattern element.When there is a request from a client,

servlet container decides to which application it should forward to. Then context path of url is matched

for mapping servlets.Example:

<Servlet-mapping>

<servlet-name>Servlet1</servlet-name>

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

</servlet-mapping>

Q: HTTP status code and Their Meaning are given below:

Ans: page (75-76)

**(76-78)**

Q: Write down the JSP configuration elements.

Ans: Enable or disable EL evaluation.

Enable or disable scripting elements.

Indicate page-encoding information

Automatically include preludes and codas.

**(86-93)**

Q: What is the function of ConfirmAction?

Ans: ConfirmAction simply redirects to HTML file to tell the user that their order has been confirmed.

Q: What is the Deployment descriptor contains?

Ans: The deployment descriptor contains all the elements to build the application and allow it to be deployed into a web container.