QUESTION BANK

MODULE NAME: Web Component Development Using Java

Category - Simple

1) **Fill in the Blank with single option:**

_____ method returns the value of the cookie.

a) `getName()`

☑ **b)** `getValue()`

c) `getCookeValue()`

d) `getCookieValues()`

2) **Fill in the Blank with single option:**

The _____ element is used to locate or instantiate a JavaBean component.

a) `jsp:plugin`

☑ **b)** `jsp:useBean`

c) `jsp:getProperty`

d) `jsp:setProperty`

3) **Fill in the Blank with single option:**

The _____ element in the deployment descriptor can be used to explicitly change the default mode set for expression language in JSP.

a) `jsp-el-property`

☑ **b)** `el-ignored`

c) `el-pattern`

d) `el-supported`

4) **Select the correct answer with single option:**

The _____ is a simple Java class file that contains the code for functionality of the custom tag in the JSP program.

- [ ] **a)** Tag Descriptor File

- [ ] **b)** Tag Element

- [x] **c)** Tag Handler

- [ ] **d)** Tag Libraries

5) **Fill in the Blank with single option:**

In _____ method, the Web browser pops-up a login page, which prompts the user for credentials in the form of username and password.

- [x] **a)** HTTP Basic Authentication

- [ ] **b)** HTTP Digest Authentication

- [ ] **c)** Form-based Authentication

- [ ] **d)** HTTPs Client Authentication

Category - Average

1) **Select the correct answers with multiple options:**

Which of the following are the correct methods provided by HttpSession class?

- [ ] **a)** `getMaxInactiveInterval()`

- [ ] **b)** `isNotNew()`

- [ ] **c)** `invalidValidate()`

- [ ] **d)** `getAttribute()`

2) Select the correct answer with single option:

Which of the following element specifies a URL pattern and the name of a declared Servlet?

☐ **a)**   `<servlet> ... </servlet>`

☑ **b)**   `<servlet-mapping> . . . </servlet-mapping>`

☐ **c)**   `<web-app> . . . </web-app>`

☐ **d)**   `<servlet-pattern> . . . </servlet-pattern>`

3) Select the correct answer with multiple options:

Which of the following interfaces are implemented by `GenericServlet` class?

☑ **a)**   `Servlet`

☑ **b)**   `ServletConfig`

☑ **c)**   `Serializable`

☐ **d)**   `HttpServlet`

4) Select the correct answers with multiple options:

Which of the following methods are provided by `HttpServletRequest` class for handling the file upload?

☑ **a)**   **Part getPart(String name)**

☑ **b)**   **Collection<Part> getParts()**

☐ **c)**   **Part isMulitplepartContent(String name)**

☐ **d)**   **String getParts()**

5) **Select the correct answer with a single option:**

Which of the following action specifies an alternative message to the browser in case of plug-in failure?

☑ **a)** `<jsp:fallback>`

☐ **b)** `<jsp:bean>`

☐ **c)** `<jsp:errormessage>`

☐ **d)** `<jsp:plugin>`

Category – Difficult

1) **Select the correct answer with single option:**

Which of the following code snippet shows the correct HTML form element that must be used to upload the file on the server?

☑ a) `<form action="UploadServlet" method="post" enctype="multipart/form-data">`

☐ b) `<form action="UploadServlet" method="post" enctype="form-data">`

☐ c) `<form action="UploadServlet" method="post" enctype="multipart">`

☐ d) `<form action="UploadServlet" method="post" enctype="multipart/image">`

2) **Select the correct answer with single option:**
Consider a situation:

You want that the response sent to the browser should make a new request to a Servlet which will handle the request and then, send a result to the browser.

Which of the following method will help you to achieve this?

☑ a) `public void sendRedirect(java.lang.String location) throws IOException`

☐ b) `public void requestDispatcher(java.lang.String location) throws IOException`

☐ c) `public void getRequestDispatcher(java.lang.String location) throws IOException`

☐ d) `public void forwardURL(java.lang.String location) throws IOException`

3) **Select the correct answers with single option:**

Consider a scenario where you want that a Servlet should share some information among a group of other servlets.

Which of the following class can be used to achieve this?

☐ a) `ServletConfig`

☑ b) `ServletContext`

☐ c) `GenericServlet`

☐ **d)** `ServletOutputS`

4) **Select the correct answer with single option:**

Which of the following code snippet shows the correct configuration for including multiple filters to a mapped servlet?

a)
```
<filter-mapping>
   <filter-name>AuditFilter</filter-name>
   <url>*.abc</url>
</filter-mapping>
```

✔ **b)**
```
<filter-mapping>
    <filter-name>AuditFilter</filter-name>
    <url-pattern>*.abc</url-pattern>
</filter-mapping>
```

c)
```
<filter>
    <filter-name>AuditFilter</filter-name>
    <url>*.abc</url>
</filter>
```

d)
```
<servlet-mapping>
    <filter-name>AuditFilter</filter-name>
    <url-pattern>*.abc</url-pattern>
</servlet-mapping>
```

5) **Select the correct answer with single option:**

Which of the following annotation can be used within the `ServletSecurity` annotation to represent the security constraints to be applied to all HTTP protocol methods?

☐ **a)** `HttpMethodConstraint`

✔ **b)** `HttpConstraint`

☐ **c)** `HttpMethodAllowed`

☐ **d)** `HttpSecurity`