

Question 21

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Flag question

What different points between Java Bean and Java class?

- ☒ a. All of the others
- ☐ b. Java Bean class must be implemented from Serializable
- ☐ c. Java Bean class must have a public no-argument constructor
- ☐ d. Using `<jsp:useBean />` to locate or instantiate the Bean.

Clear my choice

Question 22

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Which structure of war file does?

- ☐ a. WEB-INF directory, resources that browser can access depending permission putting outside WEB-INF directory, and/or META-INF directory
- ☒ b. WEB-INF directory, all directory putting outside WEB-INF directory that is shown in IDE tool, lib directory with jar files that are added, and/or META-INF directory
- ☐ c. None of the others
- ☐ d. WEB-INF directory, and META-INF directory

Clear my choice

Question 23

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Consider the code in the filter

```
public void doFilter(ServletRequest request, ServletResponse response,
    FilterChain chain) throws IOException, ServletException {
    try {
        chain.doFilter(request, response);
        request.setAttribute("id", "SE12345");
    } catch (Throwable t) {}
}
```

And the code in the servlet1

```
...
String s= (String)request.getAttribute("id");
out.println("id:" +s);
....
```

Apply this filter to the servlet1

What is displayed in the browser?

- ☐ a. None of the others
- ☐ b. the null value is displayed in the browser
- ☒ c. the text "SE12345" is displayed in the browser.
- ☐ d. the empty string is displayed in the browser.

Clear my choice

Question 24

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Consider the code in the file "index.jsp"

```
...
<form method="post">
  <input type="text" name="txt1" value="" placeholder="input email" />
  <input type="password" name="txt2" value="" placeholder="input password"/>
  <input type="submit" name="btn" value="submit" />
</form>
.....
```

What statement is used to assign again the inputted value in the text control "txt1" after submitting?

- ☐ a. At the value property of the control "txt1", type: `$(requestScope.txt1)`
- ☒ b. All of the others
- ☐ c. At the value property of the control "txt1", type: `$(param.txt1)`
- ☐ d. At the value property of the control "txt1", type: `<%= request.getParameter("txt1") %>`

Clear my choice

Question 25

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Consider the code:

```
<form action="target" method="post">
  <input type="text" value="testing" name="txt"/>
  <input type="submit" name="btn" value="search"/>
</form>
```

What value will be sent to the resource "target" after submitting?

- ☐ a. nothing is sent
- ☐ b. The text "testing" is sent
- ☒ c. Both "testing" and "search" are sent
- ☐ d. The text "search" is sent

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Clear my choice

Question 26

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assume that all library files are imported, consider the code in the files:

processingServlet.java

```
...
ArrayList<Book> list=new ArrayList();
list.add( new Book("b1","test1"));
list.add( new Book("b2","test2"));
list.add( new Book("b3","test3"));
request.setAttribute("data", list);
response.sendRedirect("index.jsp");
...
```

index.jsp

```
...
<c:foreach var="b" items="${requestScope.data}">
  <p>${b.id} ${b.title}</p>
</c:foreach>
...
```

What is the output when processingServlet.java runs?

- ☐ a. None of the others
- ☒ b. display three paragraphs that are empty string
- ☐ c. display three paragraphs that contain id and title of the books
- ☐ d. display three paragraphs that are null

Clear my choice

Question 27

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Consider the table structure:

Accounts(accid: int primary key, fullname: varchar(20), role: int foreign key, email: varchar(20)).

Roles(roleid: int, description: varchar(50))

What query can be used to check the account id=1 that exists in the Accounts table?

- ☐ a. select accid from Accounts where accid=1
- ☐ b. select count(accid) from Accounts where accid=1
- ☒ c. all of the others
- ☐ d. select * from Accounts where accid=1

Clear my choice

Question 28

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What is the url-pattern tag in filter-mapping tag for?

- ☐ a. Define the mechanism to resource accessing the Filter
- ☐ b. None of the others
- ☐ c. Determining the access path to access the Filter from the browser
- ☒ d. Determining the resource is applied by configuring Filter

Clear my choice

Question 29

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Assume that path is valid, consider the code in two servlets:

firstServlet.java

```
protected void processRequest(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
    request.setAttribute("us","Testing");
    request.getRequestDispatcher("secondServlet").forward(request,response);
}
...
```

secondServlet.java

```
protected void processRequest(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
    try (PrintWriter out = response.getWriter()) {
        String data=request.getParameter("us");
        out.println(data);
    }
}
}
```

What is the result when the first Servlet runs?

- ☐ a. display "null" in the browser.
- ☐ b. None of the others
- ☐ c. display "" in the browser.
- ☒ d. display "Testing" in the browser.

Clear my choice

Question 30

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Which structure of Status Line in Response Message is?

- ☐ a. [HTTP Method] [Protocol Version] [Requested Resource forming URI]
- ☒ b. [HTTP Version] [Response Code] [Status]
- ☐ c. [HTTP Version] [Response Code] [Http Method]
- ☐ d. None of the others

Clear my choice

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supporting materials

NEXT ACTIVITY
Progress test 2



