

Suppose the HTTP response generated by a servlet is a JPEG image.  
Which of the following is the appropriate content type for the response?

☒ image/jpeg

☐ text/html

☐ text/plain

☐ image/jpg

## Question 2

2 / 2 pts

Please select the valid `@WebServlet` annotations. (There are multiple correct options. Please select all of them.)

☐ `@WebServlet("Hello")`

☐ `@WebServlet("/Hello", "/World")`

☒ `@WebServlet("/Hello")`

☐ `@WebServlet({"/Hello", "/World"})`

☒ `@WebServlet={"/Hello", "/World"})`

## Question 3

2 / 2 pts

Please select the valid `@WebServlet` annotations. (There are multiple correct options. Please select all of them.)

☒ @WebServlet("\*.html")

☒ @WebServlet({"\*.xyz"})

☒ @WebServlet("/admin/\*")

☐ @WebServlet("/admin/\*.html")

#### Question 4

1 / 1 pts

Suppose you have a class file in your Eclipse Dynamic Web Project at the path:

build/classes/cs3220/servlet/HelloServlet.class

When you upload your project to the CS3 server, this file should be at which path under your account?

☐ www/WEB-INF/HelloServlet.class

☐ www/HelloServlet.class

☒ www/WEB-INF/classes/cs3220/servlet/HelloServlet.class

☐ www/WEB-INF/build/classes/HelloServlet.class

☐ www/WEB-INF/classes/HelloServlet.class

#### Question 5

1 / 1 pts

Suppose you have a JPEG image in your Eclipse Dynamic Web Project at the path:

src/main/webapps/images/logo.jpg

When you upload your project to the CS3 server, this file should be at which path under your account?

- ☐ www/logo.jpg
- ☒ www/images/logo.jpg
- ☐ www/WEB-INF/images/logo.jpg
- ☐ www/WEB-INF/classes/images/logo.jpg

### Question 6

2 / 2 pts

Which of the following statements are correct regarding *application scope* in a Java web application? (There are multiple correct options. Please select all of them.)



Data stored in application scope will be lost if the application is restarted.



To retrieve an object from application scope, we can use the `getAttribute()` method in `ServletContext`.



Data stored in application scope can be accessed by all servlets.



To save an object to application scope in a servlet, we can use the `setAttribute()` method in `ServletContext`.

### Question 7

1 / 1 pts

Suppose we have the following code in a servlet:

```
public void init(ServletConfig config) throws ServletException {  
    getServletContext().setAttribute("counter", 0);  
}
```

When we try to run the servlet, we get a `NullPointerException`. Which of the following code added to the beginning of the method will fix the problem?

- ☒ `super.init(config);`
- ☐ `super.init();`
- ☐ `this.ServletContext = new ServletContext();`
- ☐ `ServletContext context = new ServletContext();`

Quiz Score: **10** out of 10