

Java Full Stack Course - Predict the Output Assessment(without Keys)

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Instructions:

- - Choose the correct option for each question.
- - For HTML, CSS, and JavaScript questions, consider the final output rendered in a browser.
- - For JSP and Servlet questions, assume the code is executed in a Java web application environment.
- -Share and record your screen while solving the assessment
- Download the docx document
- Highlight the responses in yellow
- Upload your responses in pdf format
- Self-check the responses and score accordingly
- Update the scorecard sheet with your scores.

Time:20 mins

Points:20

1. ****Question:****

html

```
<!DOCTYPE html>
<html>
<head>
  <title>HTML Practice</title>
</head>
<body>
  <h1>Welcome to <span style="color: red;">JavaStack</span></h1>
  <p id="output">This is a paragraph.</p>
  <script>
    document.getElementById("output").innerHTML = "Updated Text";
  </script>
</body>
</html>
```

a. Welcome to JavaStack

2. ****Question:****

html

```
<!DOCTYPE html>
<html>
<head>
  <style>
    .java-stack {
```

```

        font-weight: bold;
        color: #0066cc;
    }
</style>
</head>
<body>
    <p class="java-stack">JavaStack Training</p>
</body>
</html>

```

c. JavaStack Training (bold and blue)

3. **Question:**

javascript

```

function addNumbers(a, b) {
    return a + b;
}

```

```

var result = addNumbers(5, 10);
console.log(result);

```

a. 15

4. **Question:**

jsp

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"%>
<%@ page import="java.util.*" %>
<%@ page import="java.text.*" %>
<html>
<body>
    <%
        Date now = new Date();
        SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd HH:mm:ss");
        String formattedDate = sdf.format(now);
    %>
    <p>Current Date and Time: <%= formattedDate %></p>
</body>
</html>

```

c. Error: SimpleDateFormat is not defined

5. **Question:**

java

```

@WebServlet("/HelloServlet")

```

```

public class HelloServlet extends HttpServlet {
    protected void doGet(HttpServletRequest request, HttpServletResponse response) throws
        ServletException, IOException {
        response.getWriter().print("Hello, JavaStack!");
    }
}

```

a. Hello, JavaStack!

6. ****Question:****

java

```

public class JavaExample {
    public static void main(String[] args) {
        int[] numbers = {1, 2, 3, 4, 5};
        int sum = 0;
        for (int num : numbers) {
            sum += num;
        }
        System.out.println("Sum: " + sum);
    }
}

```

a. Sum: 15

7. ****Question:****

html

```

<!DOCTYPE html>
<html>
<head>
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
</head>
<body>

<div class="container">
    <h2>Bootstrap Example</h2>
    <button type="button" class="btn btn-primary">Primary Button</button>
</div>

</body>
</html>

```

b. Primary Button