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

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
b. Welcome to JavaStack
c. This is a paragraph.
d. Updated Text

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>
```

a. JavaStack Training
b. JavaStack Training (default style)
c. JavaStack Training (bold and blue)
d. JavaStack Training (bold)

3. **Question:**
javascript
```
function addNumbers(a, b) {
  return a + b;
}

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

a. 15
b. "5+10"
c. undefined
d. Error: addNumbers is not defined

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>

b. Current Date and Time: (current date and time)
c. Error: SimpleDateFormat is not defined
d. Error: Invalid JSP syntax

5. **Question:**
java
```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!
b. Error: doGet method is not defined
c. /HelloServlet
d. HelloServlet

6. **Question:**
java
```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
b. Sum: 10
c. Sum: 5
d. Error: numbers array is not initialized

7. **Question:**
html
```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>
```

a. Bootstrap Example
b. Primary Button
c. Error: Bootstrap not linked
d. Default button style