Week 11 Conceptual Assessment

Name: _____   **Score: _____ / 10**

JavaScript

```
1   var turkey = 4;
2   var banana = 'yellow';
3   var result = banana === 'green' ? 25 * turkey : turkey > 0 ? 42 : banana;
```

Q1) Assuming the above code has executed, what is the value of the variable result?

```
1    var wdi = 'Rocks';
2    var vodka = 'Titos';
3    var eggs = 0;
4    var nothing = ';
5
6    var one = wdi && eggs;
7    var two = vodka && wdi;
8    var three = nothing && eggs;
9    var four = vodka || wdi;
10   var five = vodka || nothing;
11   var six = eggs && (wdi || nothing);
```

Assuming the above code has executed:

Q2) What is the value of the variable one?

Q3) What is the value of the variable two?

Q4) What is the value of the variable three?

Q5) What is the value of the variable four?

Q6) What is the value of the variable five?

Q7) What is the value of the variable six?

React

Q8) How do we pass data from a parent component to a child component?

   via _____ <---- write single word answer here

```
1
2
3
4
```

```
5   import React from 'react';
6   import ReactDOM from 'react-dom';
7
8   const Banner = props => <h1>{props.children}</h1>;
9
10  class Page extends React.Component {
11      render() {
12          return (
13              <Banner>Amazing App</Banner>
14          );
        }
    }

    ReactDOM.render(<Page />, document.getElementById('root'));
```

Assuming the above code has run and *index.html* contains a **<div id="root"></div>** element, answer the following:

Q9) Will *index.html* render without error - YES or NO?

Q10) If your answer to Q9 is YES, What will be rendered in *index.html*? If your answer is NO, explain why it won't render.