1. If a library depends on another library, it forms a _____.

1 / 1 point

○ Framework Tree

⦿ Dependency Tree

○ Dependency Document

○ Library Box

✓ **Correct**
That's correct! A dependency tree represents how libraries depend on other libraries.

2. How many columns does Bootstrap's responsive grid consist of?

1 / 1 point

○ 10

○ 8

○ 14

⦿ 12

✓ **Correct**
That's correct! Bootstrap uses a 12 column responsive grid.

3. To change the style of a Bootstrap component, you use _____.

1 / 1 point

- ○ an infix
- ● a modifier

  ✓ **Correct**

  That's correct! Modifiers are used to change a component's style.

4. To improve performance, web servers can keep a copy of dynamic content in a _____.

1 / 1 point

- ○ Cloud
- ● Cache
- ○ DOM

  ✓ **Correct**

  That's correct! Dynamic content can be stored in a cache and updated based on time and/or user interaction.

5. What are the two main approaches for serving code and resources in a Single Page Application called? Select two.

`1 / 1 point`

- ☐ Packets
- ☑ Bundling

> ✓ **Correct**
> That's correct! Assets, code and dependencies are bundled into a single file and loaded by the application.

- ☐ Code Boxing
- ☑ Code Splitting

> ✓ **Correct**
> That's correct! Large applications can be split into multiple bundles that are loaded as required by the application.

6. React is a _____ that can be used to create single page applications.

`1 / 1 point`

- ◉ Library
- ◯ Framework

> ✓ **Correct**
> That's correct! React is a library that can be used to build single page applications.

7. Components allow developers to improve development efficiency by reusing code.

◉ True

◯ False

> ✓ **Correct**
> That's correct! Components can be reused in multiple parts of your application.

8. A React application is built up of a tree of components called the Component _____.

◯ Branch

◯ Root

◉ Hierarchy

◯ Library

> ✓ **Correct**
> That's correct! The Component Hierarchy is a tree of components starting with the Root Component.