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.   `1 / 1 point`

◉ 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 _____.   `1 / 1 point`

○ Branch

○ Root

◉ Hierarchy

○ Library

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