Your grade: 96.66%

Your latest: **96.66%** • Your highest: **96.66%** • To pass you need at least 70%. We keep your highest score.

[Next item →]

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1. What is an API?   **1 / 1 point**

   ○ A framework which dictates the architecture of your program and controls the program flow

   ○ A version control system used to manage your code

   ⦿ Code that works with data and provides a mechanism for software to access resources from the back-end

   ○ A practice for dev-ops teams enabling developers to deliver frequent changesreliably

   ✓ **Correct**

2. When a user tries to login to a website, he/she gets an authentication failure error. Who do you think can fix this   **1 / 1 point**
   error? (Select **all** *that* apply.)

   ☑ Full-stack Developer

   ✓ **Correct**

   ☐ Front-end Developer

   ☑ Back-end Developer

   ✓ **Correct**

3. In addition to SQL, which tool can help you access databases?   **1 / 1 point**

   ○ CI/CD

   ⦿ ORM

   ○ npm

   ○ pip

   ✓ **Correct**
   ORM (object-relational mapping) tools can be used to connect to a database and retrieve the correct data,
   and can hide some of the complexity of querying databases.

4. Build automation can automate which of the following tasks? (Select **all** that apply.)   **1 / 1 point**

   ☑ Downloading dependencies

   ✓ **Correct**

   ☐ Compiling binary code into source code

   ☑ Packaging binary code

   ✓ **Correct**

   ☑ Running tests anddeployment to production systems

   ✓ **Correct**

5. A user has complained that the website is readable on desktop but not on mobile. Who can help solve this   **1 / 1 point**
   problem?

   ○ Back-end Developer

   ⦿ Front-end Developer

   ✓ **Correct**

6. Which of the following describe a **package manager**? (Select **all** that apply.)   0.6666666666666666
                                                                        / 1 point

   ☑ Contains application files, instructions for installation, and metadata

   ✗ **This should not be selected**
   This is a package itself, rather than a package *manager*.

☑ A way to distribute your pre-packaged application(s)

✓ **Correct**

☑ Takes care of finding, installing, maintaining or uninstalling software packages

✓ **Correct**

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7. Which of the following adds interactivity and dynamic content to a website?

○ Git

○ HTML

◉ JavaScript

○ CSS

✓ **Correct**

1 / 1 point

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8. Which of these is an open-source server side platform built on the Google Chrome JavaScript engine and uses an asynchronous single threaded architecture that allows it to serve a very large number of concurrent connections?

○ Flask

◉ Node.js

○ React JS

○ Angular

✓ **Correct**
Node j.s is an open source server side platform built on the Google Chrome JavaScript engine. It uses an asynchronous single threaded architecture that allows it to serve a very large number of concurrent connections.

1 / 1 point

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9. Which of the following frameworks and libraries are used for front-end? (Select **all** that apply.)

☑ Angular

✓ **Correct**
Angular is a **front-end framework** that allows websites to render HTML pages quickly and efficiently. It has built-in tools for routing and form validation.

☐ Node.js

☐ Express

☑ React.js

✓ **Correct**
React.js is a **front-end JavaScript library** that builds and renders components for a web page.

☑ Vue.js

✓ **Correct**
Vue.js is a **front-end framework** focused on building user interfaces.

1 / 1 point

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10. Which of the following is NOT a required skill for a front-end developer?

○ JavaScript

○ CSS

◉ Java

○ HTML

✓ **Correct**

1 / 1 point