Your grade: 100%

Your latest: **100%** • Your highest: **100%** • To pass you need at least 70%. We keep your highest score.

Next item →

1. Which of the following is a back-end technology?   1 / 1 point

   ⦿ Web API

   ◯ HTML

   ◯ Browser

   ◯ CSS

   ✓ **Correct**
   A web API is a back-end technology.

2. What quality makes it possible for you to run JavaScript applications without compiling?   1 / 1 point

   ⦿ JavaScript is an interpreted language.

   ◯ All modern browsers support JavaScript.

   ◯ The language syntax resembles Java.

   ◯ You can use a text editor to develop JavaScript applications.

   ✓ **Correct**
   JavaScript is an interpreted language, and you do not need to compile JavaScript applications before running them.

3. Which of the following applications intercepts the call when JavaScript sends a web service request to the Node.js server?   1 / 1 point

   ⦿ REST Web Service

   ◯ JSON

   ◯ Enterprise Java

   ◯ CSS

   ✓ **Correct**
   On the server, a Representational State Transfer (REST) web service intercepts the call.

4. Which of the following is a difference between ES and CommonJS modules?   1 / 1 point

   ◯ CommonJS is a JavaScript language whereas ES is a module specification

   ◯ CommonJS modules are written in JavaScript whereas ES modules are not

   ◯ CommonJS module files use a .mjs extension whereas ES modules use .js

   ⦿ ES modules use the import() statement whereas CommonJS modules use require().

   ✓ **Correct**
   ES modules use the import() statement whereas CommonJS modules use require().

5. How do you handle operation results with Node.js?   1 / 1 point

   ◯ Use blocking on asynchronous I/O operations

   ◯ Specify a relative path to the Node.js script from the module directory

   ⦿ Write callback functions to handle results when the operations complete

   ◯ Create an instance of a web server application

   ✓ **Correct**
   Instead of blocking on I/O operations, you write asynchronous callback functions to handle results when they complete.

6. What do you use the http.createServer function for?   1 / 1 point

   ◯ To import a Node.js module

   ◯ To develop an anonymous function to handle requests and responses

   ⦿ To create an instance of a web server

   ◯ To specify a main script for your module

   ✓ **Correct**
   You use the http.createServer function to create an instance of a web server application.

7. Which core Node.js module can be used for input and output (I/O)?   1 / 1 point

   ⦿ fs

   ◯ util

   ◯ http

   ◯ URL

   ✓ **Correct**
   The fs module is used to read and write from external sources.

8. Which is an aspect of Node Package Manager (NPM)?   1 / 1 point

   ◯ It creates a package.json file in the project's root directory

   ⦿ It functions as a command line interface for installing packages

   ◯ It writes metadata to a package.json file

   ◯ It manages the versioning of source code

   ✓ **Correct**
   NPM functions as a command line interface for installing packages.

9. What do you use the require function for?   1 / 1 point

   ◯ To create an instance of a web server

   ◯ To develop an anonymous function to handle requests and responses

   ⦿ To import a Node.js module

   ◯ To specify a main script for your module

   ✓ **Correct**
   You can use the require function to import a Node.js module.

10. What happens when a module does not have a package.json file?   1 / 1 point

   ⦿ Node.js assumes that the main class is named index.js.

   ◯ There is no module manifest.

   ◯ The relative path to the Node.js script changes to an absolute path from the module directory.

   ◯ The require statement assumes that scripts have a file extension of js.

   ✓ **Correct**
   If a module does not have a package.json file, Node.js assumes that the main class is named index.js.