

# Graded Quiz 1

## Question 1

Which of the following is a back-end technology?

- ☐ Browser
- ☐ HTML
- ☐ CSS
- ☒ Web API

## Question 2

What quality makes it possible for you to run JavaScript applications without compiling?

- ☐ The language syntax resembles Java.
- ☐ You can use a text editor to develop JavaScript applications.
- ☒ All modern browsers support JavaScript.
- ☐ JavaScript is an interpreted language.

## Question 3

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

- ☐ CSS
- ☒ REST Web Service
- ☐ Enterprise Java
- ☐ JSON

## Question 4

Which of the following is a difference between ES and CommonJS modules?

- ☐ 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().
- ☐ CommonJS is a JavaScript language whereas ES is a module specification

#### Question 5

How do you handle operation results with Node.js?

- ☐ Specify a relative path to the Node.js script from the module directory
- ☐ Create an instance of a web server application
- ☒ Write callback functions to handle results when the operations complete
- ☐ Use blocking on asynchronous I/O operations

#### Question 6

What do you use the `http.createServer` function for?

- ☐ To develop an anonymous function to handle requests and responses
- ☐ To specify a main script for your module
- ☒ To create an instance of a web server
- ☐ To import a Node.js module

#### Question 7

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

- ☐ `http`
- ☐ `URL`
- ☐ `util`
- ☒ `fs`

#### Question 8

Which is an aspect of Node Package Manager (NPM)?

- ☐ It writes metadata to a `package.json` file
- ☐ It manages the versioning of source code
- ☒ It functions as a command line interface for installing packages
- ☐ It creates a `package.json` file in the project's root directory

### Question 9

What do you use the require function for?

- ☐ To specify a main script for your module
- ☐ To develop an anonymous function to handle requests and responses
- ☐ To create an instance of a web server
- ☒ To import a Node.js module

### Question 10

What happens when a module does not have a package.json file?

- ☐ There is no module manifest.
- ☒ Node.js assumes that the main class is named index.js.
- ☐ The require statement assumes that scripts have a file extension of js.
- ☐ The relative path to the Node.js script changes to an absolute path from the module directory.