✔ **Congratulations! You passed!**

Grade received **100%** To pass 70% or higher

Go to next item

---

1. In what manner do network operations run?

1 / 1 point

○ Synchronized

○ Single-threaded

● Asynchronous

○ Distributed

✔ **Correct**
Network operations run in an asynchronous manner.

2. You write a callback function to run for which of the following events?

1 / 1 point

○ The Node.js framework receives a response message from the remote server

○ The network operation commences.

● The network operation completes.

○ The application makes a call to http.request.

✔ **Correct**
To handle the result from a network call, you write a callback function that Node.js calls when the network operation completes.

3. Where in the callback function does a Node.js generally pass an error object?

1 / 1 point

○ The http.request( ) call

○ The HTTP response message

○ The second parameter

● The first parameter

✔ **Correct**
A Node.js module passes an error object as the first parameter in a callback function.

4. What do you use response.end for?

1 / 1 point

○ To define the error message from a callback function

○ To log the error from a callback function

● To end the request and send a response to the client

○ To print the result from the function call

✔ **Correct**
response.end is used to end a request and send a response to the client.

5. Which of the following can be helpful to mitigate the issue of needing nested callbacks in order to make something happen sequentially?

1 / 1 point

○ Inversion of control

● async/await

○ HTTP method calls

○ Use the setTimeout() method

✔ **Correct**
The async and await keywords are used in conjunction with promises that mitigate the need for nested callbacks

6. What do you use to convert a JavaScript object to a string?

1 / 1 point

○ Method JSON.parsestring()

○ Method JSON.parse()

○ Method JSON.convert()

● Method JSON.stringify()

✓ **Correct**
Method JSON.stringify() converts a JavaScript object to a JSON string.

7. A promise is defined as an object returned by an asynchronous method that has three states. Which of the following is one of the states?

1 / 1 point

○ Closed

○ Acknowledged

○ Waiting

● Resolved

✓ **Correct**
One of the three states is resolved.

○ Method JSON.parse()

○ Method JSON.convert()

● Method JSON.stringify()

✓ **Correct**
Method JSON.stringify() converts a JavaScript object to a JSON string.