Graded Quiz 2

Question 1

What best describes the network operations that Node.js makes?

○ Applications block every network operation to complete at the same time on the server

◉ Non-blocked operations return in a synchronized manner with added processing time on the server

○ Blocked operations return immediately without added processing time on the server

○ Non-blocked operations return immediately without added processing time on the server

Question 2

Before the Node.js framework receives the HTTP response message from the remote web server, it immediately returns a result for the http.request function call. What does this result state?

○ The response message will be sent successfully.

○ The callback function was called successfully.

○ The return message will be sent successfully.

◉ A request is in progress.

Question 3

What parameter is optional in an HTTP request?

○ Location function parameter

○ Event variable parameter

◉ Callback function parameter

○ Resource variable parameter

Question 4

What object do Node.js modules in the SDK pass as the first parameter in a callback function?

◉ Error

○ Destination

○ Location

○ Identity

Question 5

What do you pass back in the callback handler to indicate a successful return?

- ○ Empty string
- ◉ Null object
- ○ Error
- ○ 404 status code

Question 6

Which function calls the resultCallback callback function to return results to the main application?

- ○ result()
- ○ aggregate_context()
- ○ step()
- ◉ http.request()

Question 7

Why can inversion of control be an issue when using callbacks?

- ○ Inversion of control uses promises which are difficult to implement
- ◉ Inversion of control creates the need for nested callbacks
- ○ Inversion of control is used when something needs to be done sequentially which makes code readability difficult
- ○ Callbacks sometimes hand over control to third-party code which can make errors hard to identify

Question 8

JSON is the standard format for API data exchange. What relationship does JSON have with Node.js?

- ○ JSON_SET
- ◉ Standard representation of native JavaScript objects
- ○ Metadata file
- ○ Common data model folder

Question 9

When an error occurs, which state is the promise at?

- ● Rejected
- ○ Pending
- ○ Resolved
- ○ Aborted

Question 10

The axios package handles HTTP requests in Node.js and returns a promise object. The promise object has a method that is called after the promise completes. What method does the promise object use?

- ○ else
- ● then
- ○ if
- ○ or