Node.js Sample Assessment

1. Which of these represents the directory of the currently executing script?
a) process.__dirname
b) path.__dirname
c) fs.__dirname
d) __dirname

2. Which method can be used to form a path to a file?   (path refers to path module)
a) path.join()
b) path.parse()
c) path.basename()
d) path.dirname()

3. Which of these installs body module in a project and marks it as something you would use in the application code?
a) npm install --save-dev body
b) npm install -g body
c) npm install --save body
d) npm init body

4. How do you access an environment variable named NODE_ENV?
a) process.NODE_ENV
b) process.env.NODE_ENV
c) module.NODE_ENV
d) module.exports.NODE_ENV

5. Which of these starts a server (referenced by variable – server) on a given port?
a) server.createServer()
b) server.on()
c) server.listen()
d) server.startServer()

6. What is the data type of variable data?
    const fs = require('fs');
    fs.readFile('index.html', function(err, data) {});
a) Buffer
b) Error
c) String
d) Array

7. Which HTTP status code is to be sent in case an unauthorized request is made?
a) 304
b) 400
c) 401
d) 500

8. What is the output for the code snippet below, assuming a.js and b.js are within the same folder and we run the following from the command prompt (terminal)
$> node b.js

Within a.js
console.log('within a');

Within b.js
console.log('before require');
require('./a');
require('./a');
console.log('after require');

a) before require
within a
within a
after require

b) within a
within a
after require
before require

c) before require
after require
within a

d) before require
within a
after require

9. What is the output for the code snippet below?
setImmediate(function() {
   console.log('1');
});

console.log('2');

setImmediate(function() {
   console.log('3');
});

a) 1
2
3

b) 2
1
3

c) 2
3
1

d) None of the above