**Lecture 6**

Introduction to NodeJS

**QUIZZES**

**Question# 1:**

Node.js runs on \_\_\_\_\_\_\_\_\_\_

1. Client
2. Server
3. Both, server and client
4. None of the above

**Correct Answer:** Server

**Question# 2:**

Node.js is \_\_\_\_\_\_\_\_ by default.

1. Synchronous
2. Multi-threaded
3. Asynchronous
4. None of the above

**Correct Answer:** Asynchronous

**Question# 3:**

Node.js supports which of the following platform?

1. Windows
2. Macintosh
3. Unix/Linux
4. All of the above

**Correct Answer:** All of the above

**Question# 4:**

Which of the following core module is used to create a web server in Node.js?

1. fs
2. url
3. connect
4. http

**Correct Answer:** http

**Question# 5:**

Node.js application runs on \_\_\_\_\_\_\_\_\_\_.

1. Multiple threads
2. Single thread
3. Multiple Processes
4. Single Process

**Correct Answer:** Single thread

**Question# 6:**

Which of the following types of application can be built using Node.js?

1. Web Application
2. Chat Application
3. RESTful Service
4. All of the above

**Correct Answer:** All of the above

**Question# 7:**

Which of the following class is used to create and consume custom events in Node.js?

1. EventEmitter
2. Events
3. NodeEvent
4. None of the above

**Correct Answer:** EventEmitter

**Question# 8:**

Which method can be used to handle an event just only one time?

1. eventEmitter.on()
2. eventEmitter.once()
3. Another one

**Correct Answer:** eventEmitter.once()

**Question# 9:**

When the **EventEmitter** object emits an event, all of the functions attached to that specific event are called \_\_\_\_\_\_\_. Any values returned by the called listeners are *ignored* and will be discarded.

1. synchronously
2. asynchronously

**Correct Answer:** synchronously

**Question# 10:**

What are Nodejs characteristics?

1. Event-driven,
2. Non-blocking I/O
3. Both of them

**Correct Answer:** Both of them

**Question# 11:**

Which of the following is a GUI-based debugging tool for Node.js?

1. Core node debugger
2. Console
3. REPL
4. Node Inspector

**Correct Answer:** Node Inspector

**Question# 12:**

Consider the following JavaScript code:

console.log("first");

setTimeout(function() {

console.log("second");

}, 0);

console.log("third");

The output will be:

1. first

second

third

1. second

first

third

1. first

third

second

1. third

first

second

**Correct Answer:** first

third

second

**Question# 13:**

Which of the following code can create a web server?

1. http.createServer(callback)
2. http.createWebServer(callback)
3. http.createHTTPServer(callback)
4. None of the above.

**Correct Answer:** http.createServer(callback)

**Question# 14:**

Which statement execute the code of sample.js file?

1. nodejs sample.js
2. node sample.js
3. sample.js
4. None of the above

**Correct Answer:** node sample.js

**Question# 15:**

Which of the following is true with respect to Node?

1. Every API of Node js are asynchronous.
2. Node being a single thread, and uses async function calls to maintain the concurrency.
3. Node thread keeps an event loop and whenever any task get completed, it fires the corresponding event which signals the event listener function to get executed.
4. All of the above.

**Correct Answer:** All of the above.