MCQs on UNIT 5 Node JS

1. In which of the following areas, Node.js is absolutely perfect to use?

    A. I/O bound Applications
    B. Data Streaming Applications
    C. JSON API based Applications
    D. All of the above.

Ans : D

2. Which of the following statement is valid to use a Node module fs in a Node based application?

    A. var fs = require("fs");
    B. var fs = import("fs");
    C. package fs;
    D. import fs;

Ans: A

3. Which of the following statement is correct for Node js?

    A. It is Client Side Language.
    B. It is the Server Side Language.
    C. It is both Server Side and Client Side Language.
    D. None of the above.

Ans : B

4. Node JS is written in _____ language

    A. C++
    B. C
    C. JavaScript
    D. All of the above

Ans :D

5. Which of the following is the core module of Node JS

    A. MongoDB
    B. Express
    C. NPM
    D. package .json

Ans : C

6. What is Callback?

    A. The callback is a technique in which a method calls back the caller method.
    B. The callback is an asynchronous equivalent for a function.
    C. Both of the above.
    D. None of the above.

Ans : B

7. Which of the following extension is used to save the Node.js files?

    A. .js
    B. .node
    C. .java
    D. .txt

Ans: A

8.	Which of the following is not the built-in module?	
	A. http B. fs C. path D. fsread	
	Ans :D	
9.	What does fs module stand for?	
	A. File Service B. File Storing C. File System D. File Sharing	
	Ans : C	
10.	Which of the following method of fs module is used to create file?	
	A. fs.writeFile() B. fs.open() C. fs.appendFile() D. All of the above	
	Ans :D	
11.	Node js is _____.	
	A. Asynchronous B. Light Weight C. Highly Scalable D. All of the above	
	Ans :D	
12.	Node js is multithreaded.	
	A. False B. True	
	Ans: A	
13.	Which function is used to include modules in node js?	
	A. require() B. include() C. import() D. attach()	
	Ans: A	
14.	How node js modules can be created externally?	
	A. module.expose B. module.exports C. module.spread D. None of the above	
	Ans: B	
15.	What does NPM stands for?	
	A. Node Package Manager B. Node Project Manager	

	C. New Package Manager D. New Project Manager **Ans: A**
16.	Which command shows the version of npm
	A. $ npm – version B. $ node –version C. $ npm getversion D. $ node getverion **Ans: A**
17.	What is Node.js?
	A. File System B. Programming Language C. Open-source JavaScript based Framework D. Visual representation technique **Ans: C**
18.	Identify the incorrect statement about Node.js
	A. Node.js can read, write, create, open and close files on a server B. Node.js can generate dynamic page content and collect form data from a web page C. Node.js uses multi-threaded model D. Node.js provide cross-platform runtime environment **Ans: C**
19.	Which of the following code initiates the Node.js file named "file.js" on the command line interface?
	A. file.js node B. node file.js C. Node.js file.js D. exec file.js **Ans: B**
20.	Which of the following terms does not apply to Node.js?
	A. Event-driven B. JavaScript C. Non-blocking D. Heavyweight **Ans :D**
21.	Which of the following JavaScript based technology are mainly used for clien-side Web development
	A. JQuery B. JSON C. Angular JS D. AJAX E. All of these **Ans : E**

22.	Which statement about Modules in Node.js is false?
	A. A module is similar to a JavaScript library with reusable function B. A module can be saved in a separate JavaScript file C. A module can workout of its own context and affect the other modules D. Node.js modules observe the CommonJS standards **Ans : C**
23.	Consider the below code. What does the req.url statement do? ``` var http = require('http'); http.createServer(function (req, res) { res.writeHead(200, {'Content-Type': 'text/html'}); res.write(req.url); res.end(' Hello World! '); }).listen(8080); ```
	A. Holds the request object B. Holds the information that appears after the domain name in an HTTP request. C. Contains the Web address of the request D. Holds the response object **Ans : B**
24.	Which keyword is used to give accessibility to properties and methods outside a module file?
	A. request B. response C. require D. exports Ans : D
25.	Which method is used to delete a file?
	A. rmdir() B. truncate() C. unlink() D. close() **Ans: C**
26.	Which of the following statements about 'w' flag of open() method is false?
	A. Opens the file for writing B. If the file already exists, it is truncated C. If the file already exists, it is deleted D. If the file does not exist, it is created **Ans:C**
27.	Node.js files must be initiated in the?
	A. Command Prompt B. nodejs Editor C. Both A and B D. None of the above

Ans : A

28.	Consider the below partial code. What will be the result of the write operation?

```
var fs = require("fs");
fs.writeFile('test.txt', Node js is easy to learn', function(err) {
  if (err) {
    throw err;
  }
```

A. The content of test.txt will be deleted.
B. The test.txt will be created if does not exist
C. The content will be appended in test.txt
D. The file content will be encrypted.

Ans : B

29.	The _____ object is used to get information from a client and send information to server

A. Request
B. Response
C. HTTP
D. FS

Ans : A

30.	Which module splits up a web address into readable parts?

A. FS
B. HTTP
C. URL
D. NPM

Ans:C

31.	The _____ object is used to send information from a server to client.

A. Request
B. Response
C. HTTP
D. FS

Ans : B

32.	Which of the following method can append specified content to a file?

A. fs.appendFile()
B. fs.open()
C. fs.writeFile()
D. None of the above.

Ans: A

33.	Node.js uses an event-driven, non-blocking I/O model. Is it true?

A. True
B. False

Ans : A

34.	Which of the following module is required to create a web server?

A. Uri Module

	B. Net Module
	C. Http Module
	D. Web Module
	Ans : C
35.	How can we create instance of http module?
	A. var http = require("http")
	B. var http = new require("http")
	C. var http = new http()
	D. None of the above
	Ans : A
36.	Which node js method is used to create web-server?
	A. createServer()
	B. WebServer()
	C. CreateWebServer()
	D. None of these
	Ans : A
37.	Which of the following is NOT Node JS components:
	A. Node CLI
	B. NPM
	C. package.json
	D. NodeJs
	Ans :D
38.	Which node js method set a header to the response?
	A. writeHead
	B. setHead
	C. createHead
	D. appendHead
	Ans : A
39.	Which node js method is used to specify the status code and the content type?
	A. writeHead
	B. status
	C. contentType
	D. setHead
	Ans : A