

## NODE JS

1. Which of the following is true about Node.js?

- A. Node.js is an open source server environment.
- B. Node.js allows you to run JavaScript on the server.
- C. Node.js runs on various platforms (Windows, Linux, Unix, Mac OS X, etc.)
- D. All of the above

[View Answer](#)

Ans : D

Explanation: All of the above statement are true.

2. Node.js uses \_\_\_\_\_ programming.

- A. asynchronous
- B. synchronous
- C. Both A and B
- D. None of the above

[View Answer](#)

Ans : A

Explanation: Node.js uses asynchronous programming.

3. Which of the following is false?

- A. Node.js can create, open, read, write, delete, and close files on the server
- B. Node.js can generate static page content
- C. Node.js can collect form data
- D. Node.js can add, delete, modify data in your database

[View Answer](#)

Ans : B

Explanation: False, Node.js can generate dynamic page content.

4. Node.js files have extension?

- A. .njs
- B. .node

C. .js

D. .nj

[View Answer](#)

Ans : C

Explanation: Node.js files have extension .js

## 5. Node.js files must be initiated in the?

A. Command Prompt

B. nodejs Editor

C. Both A and B

D. None of the above

[View Answer](#)

Ans : A

Explanation: Node.js files must be initiated in the "Command Line Interface" program of your computer.

## 6. Node.js runs?

A. single-threaded

B. non-blocking

C. asynchronously programming

D. All of the above

[View Answer](#)

Ans : D

Explanation: Node.js runs single-threaded, non-blocking, asynchronously programming, which is very memory efficient.

## 7. Syntax to Initiate the Node.js File is?

A. filename.js

B. javascript filename.js

C. node filename.js

D. node filename

[View Answer](#)

Ans : C

Explanation: Syntax to Initiate the Node.js File is node filename.js.

8. To include a module, use the \_\_\_\_\_ function with the name of the module.

- A. function()
- B. require()
- C. exports()
- D. module()

View Answer

Ans : B

Explanation: To include a module, use the require() function with the name of the module : `var http = require('http');`

9. Which keyword is used to make properties and methods available outside the module file?

- A. import
- B. module
- C. exports
- D. require

View Answer

Ans : C

Explanation: Use the exports keyword to make properties and methods available outside the module file.

10. Node.js has a built-in module called?

- A. https
- B. http
- C. server
- D. module

View Answer

Ans : B

Explanation: Node.js has a built-in module called HTTP, which allows Node.js to transfer data over the Hyper Text Transfer Protocol (HTTP).

11. Which method appends specified content to a file.

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

View Answer

Ans : A

Explanation: The fs.appendFile() method appends specified content to a file. If the file does not exist, the file will be created.

## 12. Which method to create an HTTP server?

- A. createServer()
- B. getServer()
- C. putServer()
- D. setServer()

View Answer

Ans : A

Explanation: Use the createServer() method to create an HTTP server

## 13. Which of the following command will show version of Node?

- A. \$ npm --version
- B. \$ npm getVersion
- C. \$ node getVersion
- D. \$ node --version

View Answer

Ans : D

Explanation: Executing \$ node --version command will show the version of Node instance.

## 14. The Node.js modules can be exposed using

- A. module.expose
- B. module
- C. module.exports
- D. All of the above

View Answer

Ans : C

Explanation: The Node.js modules can be exposed using module.exports.

### 15. What are the key features of Node.js?

- A. Real time Data intensive
- B. Highly scalable servers for Web Applications
- C. Builds fast and scalable network Applications
- D. All of the above

View Answer

Ans : D

Explanation: All of the above statement are correct.

### 16. Which of the following is true about process global object?

- A. The process object is an instance of EventEmitter.
- B. process emits exit event when process is about to exit.
- C. process emits uncaughtException when an exception bubbles all the way back to the event loop.
- D. All of the above

View Answer

Ans : D

Explanation: The process object is an instance of EventEmitter and emits the above mentioned events.

### 17. which of the following areas, Node.js is not advised to be used?

- A. Single Page Applications
- B. JSON APIs based Applications
- C. CPU intensive applications
- D. Data Intensive Realtime Applications (DIRT)

View Answer

Ans : C

Explanation: It is not advisable to use Node.js for CPU intensive applications.

### 18. A package in Node.js contains all the files you need for a module.

- A. TRUE
- B. FALSE
- C. Can be true or false
- D. Can not say

View Answer

Ans : A

Explanation: True, A package in Node.js contains all the files you need for a module.

19. The URL module splits up a web address into readable parts.

- A. TRUE
- B. FALSE
- C. Can be true or false
- D. Can not say

View Answer

Ans : A

Explanation: The URL module splits up a web address into readable parts. To include the URL module, use the `require()` method

20. The `fs.read()` method is used to read files on your computer.

- A. TRUE
- B. FALSE
- C. Can be true or false
- D. Can not say

View Answer

Ans : B

Explanation: The `fs.readFile()` method is used to read files on your computer.

# Node.js Online Quiz

Following quiz provides Multiple Choice Questions (MCQs) related to **Node.js Framework**. You will have to read all the given answers and click over the correct answer. If you are not sure about the answer then you can check the answer using **Show Answer** button. You can use **Next Quiz** button to check new set of questions in the quiz.



## Q 1 - Why code written in Node.JS is pretty fast although being written in JavaScript?

A - Node.JS internally converts JavaScript code to Java based code and then execute the same.

B - Node.JS internally converts JavaScript code to C based code and then execute the same.

**C** - Being built on Google Chrome's V8 JavaScript Engine.

D - None of the above.

Answer : C

### Explanation

Being built on Google Chrome's V8 JavaScript Engine, Node.js library is very fast in code execution.

Hide Answer

**Q 2 - Which of the following command will show all the modules installed globally?**

A - \$ npm ls -g

B - \$ npm ls

C - \$ node ls -g

D - \$ node ls

Answer : A

**Explanation**

Executing \$ npm ls -g command will show all the modules installed globally.

Hide Answer

**Q 3 - Which of the following is true about readable stream?**

A - Readable stream is used for read operation.

B - Output of readable stream can be input to a writable stream.

C - Both of the above.

D - None of the above.

Answer : C

**Explanation**

Readable stream is used for read operation and its output can be input to a writable stream.

Hide Answer

**Q 4 - Which method of fs module is used to close a file?**

A - fs.close(fd, callback)



B - fs.closeFile(fd, callback)

C - fs.closePath(fd, callback)

D - None of the above.

Answer : A

Explanation

fs.close(fd, callback) is the method which is used to close a file.

Hide Answer

**Q 5 - Which of the following is true about \_\_filename global object?**

A - The \_\_filename represents the filename of the code being executed.

B - The \_\_filename represents the resolved absolute path of code file.

C - Both of the above.

D - None of the above.

Answer : C

Explanation

The \_\_filename represents the filename of the code being execute

D - This is the resolved absolute path of this code file.

Show Answer

**Q 6 - Which of the following is true about process global object?**

A - The process object is an instance of EventEmitter.

B - process emits exit event when process is about to exit.

C - process emits `uncaughtException` when an exception bubbles all the way back to the event loop.

D - All of the above.

Answer : D

Explanation

The process object is an instance of `EventEmitter` and emits the above mentioned events.

Hide Answer

**Q 7 - Which of the following code print the total system memory of operating system?**

A - `console.log('total memory : ' + os.totalmem() + " bytes.");`

B - `console.log('total memory : ' + os.totalmem + " bytes.");`

C - `console.log('total memory : ' + os.getTotalMemory() + " bytes.");`

D - None of the above.

Answer : A

Explanation

`os.totalmem()` returns the total amount of system memory in bytes.

Hide Answer

**Q 8 - Which of the following method resolves an ip address to an array of hostnames?**

A - `dns.reverse(ip, callback)`

B - `dns.resolve(hostname[, rrtype], callback)`

C - `dns.resolve4(hostname, callback)`

D - None of the above.

Answer : A

Explanation

`dns.reverse(ip, callback)` resolves an ip address to an array of hostnames.

Hide Answer

**Q 9 - Which of the following code can make a request to a web server?**

A - `http.request(options, callback)`

B - `http.createRequest(options, callback)`

C - `http.makeRequest(options, callback)`

D - None of the above.

Answer : A

Explanation

`http.request(options, callback)` method can be used to make a request a web server.

Hide Answer

**Q 10 - A stream fires end event when there is no more data to read.**

A - true

B - false

Answer : A

Explanation

A stream fires end event when there is no more data to read.

Hide Answer

New Quiz

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**Q1. Node.js is \_\_\_\_\_ Language.**

- **A. Server Side**
- B. Client Side
- C. Both

**Q2. Node.js is written in \_\_\_\_\_ .**

- A. Javascript
- B. C
- C. C++
- **D. All of the Above**

**Q3. Is node js multithreaded?**

- A. Yes
- **B. No**

**Q4. Which extension is used to save NodeJs files?**

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

**Q5. In Node process is \_\_\_\_\_**

- **A. Global Object**
- B. Local Object

**Q6. Node Js is \_\_\_\_\_**

- **A. Asynchronous**
- B. Synchronous

**Q7. Which function is used to include modules in Node Js.**

- A. include();
- **B. require();**
- C. attach();

**Q8. Which of following is not builtin node module.**

- A. zlib
- B. https
- C. dgram
- **D. fsread**

**Q9. How Node.js modules are available externally**

- **A. module.exports**
- B. module.spread
- C. module.expose
- D. None of Above

**Q10. What does the fs module stand for?**

- A. File Service
- **B. File System**
- C. File Store

**Q11. What is the default scope in Node.js application.**

- **A. Local**
- B. Public
- C. Private
- D. Global

**Q12. Which of the following are not Node.js web application frameworks for?**

- A. Express.js
- B. Geddy
- **C. Aurelia**
- D. Locomotive

**Q13. Which of the following template engines can be used with Node.js?**

- A. Jade
- B. Vash
- **C. Handlebars**
- D. All of the above

**Q14. Which method returns the current working directory of the process.**

- **A. process.cwd();**
- B. cwd();
- C. pwd();

**Q15. In which of the following areas, Node.js is perfect to use?**

- A. I/O bound Applications
- B. Data Streaming Applications
- C. Data Intensive Realtime Applications DIRT
- **D. All of the above.**

**Q16. REPL stands for.**

- **A. Read Eval Print Loop**
- B. Research Eval Program Learn
- C. Read Earn Point Learn
- D. Read Eval Point Loop

**Q17. Command to start Node REPL**

- A. \$ node start
- **B. \$ node**
- C. \$ node repl
- D. \$ node console

**Q18. For What npm stands?**

- A. Node Project Manager
- **B. Node Package Manager**
- C. New Project Manager
- D. New Package Manager

**Q19. Command to show installed version of Node?**

- A. \$ npm --version
- **B. \$ node --version**
- C. \$ npm getVersion
- D. \$ node getVersion

**Q20. Command to list all modules that are install globally?**

- **A. \$ npm ls -g**
- B. \$ npm ls
- C. \$ node ls -g
- D. \$ node ls

**Q21. What is Callback?**



- A. Callback is an asynchronous equivalent for a function.
- B. Callback is a technique in which a method call back the caller method.
- C. Both of the above.
- D. None of the above.

**Q22. A stream fires finish event when all data has been flushed to underlying system.?**

- A. True
- B. False

**Q23. Node.js uses an event-driven, non-blocking I/O model ?**

- A. True
- B. False

**Q24. Which of the following module is required for path specific operations ?**

- A. Os module
- B. Path module
- C. Fs module
- D. All of the above.

**Q25. Which of the following are Node.js streams types?**

- A. Writable
- B. Duplex
- C. Readable
- D. All of the above

**Q26. How do you install Nodemon using Node.js?**

- A. npm install -g nodemon
- B. node install -g nodemon

**Q27. How do you kill a process in Node.js?**

- **A. Ctrl + C**
- B. Ctrl + B
- C. Ctrl + K

**Q28. Node uses \_\_\_\_\_ engine in core.\***

- **A. Chrome V8**
- B. Microsoft Chakra
- C. SpiderMonkey
- D. Node En

**Q29. Something that happened in our application that we can respond too.**

- **A. events**
- B. actions
- C. procedures
- D. callback

**Q30. Which statement executes the code of sample.js file?**

- A. sample.js
- **B. node sample.js**
- C. nodejs sample.js
- D. None of above

**Q31. Which of the following is not a benefit of using modules?**

- A. Provides a means of dividing up tasks
- B. Provides a means of reuse of program code
- **C. Provides a means of reducing the size of the program**
- D. Provides a means of testing individual parts of the program

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