

NodeJs questions

1. What is Node.js?
 - a) A programming language
 - b) A framework
 - c) A runtime environment
 - d) A database
2. Node.js is built on which JavaScript engine?
 - a) Chakra
 - b) SpiderMonkey
 - c) V8
 - d) Rhino
3. Which module is used to create a web server in Node.js?
 - a) http
 - b) fs
 - c) url
 - d) server
4. How do you import a module in Node.js?
 - a) import moduleName from "module";
 - b) include("module");
 - c) require("module");
 - d) load("module");
5. What is npm in Node.js?
 - a) Node Program Manager
 - b) Node Package Manager
 - c) New Project Manager
 - d) Network Package Module
6. Which command is used to initialize a new Node.js project?
 - a) node init
 - b) npm create
 - c) npm init
 - d) node start
7. What is the default scope of variables in Node.js?

a) Global	b) Local to the file
c) Function scope	d) Block scope

8. Which of the following is NOT a built-in module in Node.js?
- a) fs
 - b) events
 - c) http
 - d) mysql
9. Which method is used to read a file asynchronously in Node.js?
- a) fs.readFileSync()
 - b) fs.readFile()
 - c) fs.getFile()
 - d) fs.openFile()
10. What does the "event-driven" nature of Node.js mean?
- a) It runs on a fixed schedule
 - b) It waits for user input to execute
 - c) It executes code in response to events
 - d) It requires external libraries to function
11. What is the purpose of the "fs" module?
- a) File System operations
 - b) Networking operations
 - c) Database management
 - d) Security functions
12. Which command is used to install an npm package globally?
- a) npm install package-name
 - b) npm install -g package-name
 - c) npm global package-name
 - d) npm add package-name
13. What is the purpose of middleware in Express.js?
- a) To handle HTTP requests and responses
 - b) To act as an intermediary between request and response
 - c) To manage database connections
 - d) To create frontend interfaces
14. How can you start a Node.js application?
- a) node start
 - b) npm start
 - c) node filename.js
 - d) start filename.js

15. What is the role of the package.json file in a Node.js project?
- a) Stores database configurations
 - b) Manages application settings
 - c) Lists project dependencies and scripts
 - d) Defines the Node.js version
16. Which of the following is true about the Node.js event loop?
- a) It blocks I/O operations
 - b) It executes code synchronously
 - c) It handles asynchronous callbacks
 - d) It creates multiple threads
17. What is the main advantage of using Node.js for backend development?
- a) Multi-threading
 - b) Asynchronous and event-driven model
 - c) Requires no dependencies
 - d) Built-in database support
18. Which HTTP method is used to update an existing resource in RESTful APIs?
- a) GET
 - b) POST
 - c) PUT
 - d) DELETE
19. How do you define a route in Express.js?
- a) app.get('/route', callback)
 - b) route.create('/route', callback)
 - c) express('/route', callback)
 - d) app.route('/route', callback)
20. Which method is used to serve static files in Express.js?
- a) app.static('public')
 - b) express.static('public')
 - c) app.use(express.static('public'))
 - d) serve.static('public')

Answer Key for Node.js MCQs

1. c

2. **c**

3. **a**

4. **c**

5. **b**

6. **c**

7. **b**

8. **d**

9. **b**

10. **c**

11. **a**

12. **b**

13. **b**

14. **c**

15. **c**

16. **c**

17. **b**

18. **c**

19. **a**

20. **c**