

1) Which of the following statement is correct?

- a)js is Server Side Language.
- b)js is the Client Side Language.
- c)js is both Server Side and Client Side Language.
- d)None of the above.

2) What does the REPL stand for?

- a)REPL stands for "Read Eval Print Loop."
- b)REPL stands for "Research Eval Program Learn."
- c)REPL stands for "Read Earn Point Learn."
- d)REPL stands for "Read Eval Point Loop."

3) Which of the following command is used to start a REPL session?

- a)\$ node
- b)\$ node start
- c)\$ node repl
- d)\$ node console

4) In which language is Node.js written?

- a)JavaScript
- b)C++
- c)CoffeeScript
- d)All of the above

5) Which of the following command is used to install the Node.js express module?

- a)\$ npm install express
- b)\$ node install express

- c) \$ install express
- d) None of the above

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.

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

- a) .js
- b) .node
- c) .java
- d) .txt

8) The Node.js modules can be exposed using:

- a) expose
- b) module
- c) exports
- d) All of the above

9) Which of the following module is not a built-in node module?

- a) zlib
- b) https
- c) dgram
- d) fsread

10) Which of the following method of fs module is used to get file information?

- a) fs.open(path, flags[, mode], callback)
- b) fs.stat(path, callback)
- c) fs.readFile(path, flags[, mode], callback)
- d) None of the above.

11) What does the fs module stand for?

- a) File Service
- b) File System
- c) File Store
- d) File Sharing

12) Which of the following method of fs module is used to truncate a file?

- a) fs.delete(fd, len, callback)
- b) fs.remove(fd, len, callback)
- c) fs.ftruncate(fd, len, callback)
- d) None of the above.

13) Which of the following template engines can be used with Node.js?

- a) Jade
- b) Vash
- c) Handlebars
- d) All of the above

14) Which of the following code print the platform of operating system?

- a) `console.log('platform : ' + os.platform);`
- b) `console.log('platform : ' + os.platform());`
- c) `console.log('platform : ' + os.getPlatform());`
- d) None of the above.

15) Which of the following method is used to return the current working directory of the process?

- a) `cwd();`
- b) `cwd();`
- c) `pwd();`
- d) None of the above.

16) Which of the following statement defines Express?

- a) Express is an application framework that provides a robust set of features to develop desktop-based applications.
- b) Express is a minimal and flexible Node.js web application framework that provides a robust set of features to develop web and mobile applications.
- c) Both of the above.
- d) None of the above.

17) Which of the following is not a benefit of using modules in Express?

- a) It provides a means of dividing up tasks.
- b) It provides a means of reuse of program code.
- c) It provides a means of reducing the size of the program.
- d) It provides a means of testing individual parts of the program.

18) What is the best practice to do in your code to improve the performance of your application?

- a) Using gzip compression.
- b) Don't use synchronous functions.
- c) Do logging correctly.
- d) Handle exceptions properly.

19) What is the default scope in the Node.js application?

- a) Global
- b) Local
- c) Global Function
- d) Local to object

20) Which of the following engine Node in core?

- a) Chrome V8
- b) Microsoft Chakra
- c) SpiderMonkey
- d) Node En

21) The default connection type used by http is\_\_

- a) Persistent
- b) Nonpersistent
- c) Either of the mention
- d) none

22) The number of objects in a Web page which consists of 4 jpeg images and HTML text is \_\_\_\_\_

- a) 4
- b) 1
- c) 5
- d) 2

23) The HTTP request message is sent in \_\_\_\_ part of three-way handshake.

- a) First
- b) Second
- c) Third
- d) None of the above

24) The values GET, POST, HEAD etc are specified in \_\_\_\_ of HTTP message.

- a) Request line
- b) Header line
- c) Status line
- d) Entity body

25) The HTTP response message leaves out the requested object when the \_\_\_\_ method is used.

- a) GET
- b) POST
- c) HEAD
- d) PUT

26) Find the oddly matched HTTP status codes.

- a) 200 – OK
- b) 400 - Bad Request
- c) 301 - Moved permanently
- d) 304 - Not Found

27) HTTP uses the services of \_\_\_\_\_ on well-known port 80.

- a) UDP
- b) IP
- c) TCP
- d) None

28) In HTTP, the first line in a request message is called a \_\_\_\_\_ line; the first line in the response message is called the \_\_\_\_\_ line.

- a) request; response
- b) response; request
- c) response; status
- d) none of the above

29) HTTP version 1.1 specifies a \_\_\_\_\_ connection by default.

- a) Persistent
- b) Nonpersistent
- c) None
- d) Both

30) In HTTP, a \_\_\_\_\_ server is a computer that keeps copies of responses to recent requests.

- a) Regular
- b) Proxy
- c) both a and b
- d) none of the above

31) What will be the output of the following code in the console?

```
File: my_module.js
exports.name = 'Zeus';
Code:
var my_module = require('./mymodule');
console.log((function(settings){
    return settings.split("").reverse().join("")
})(my_module.name));
```

- a) Error
- b) Zeus

- c) undefined
- d) sueZ

32) What is the way to store local variables that can be accessed within the application?

- a) Using Config file
- b) Using database
- c) Using app.locals
- d) Using app.storage

33) How is it possible to create chainable route handlers for a route path in Express.js?

- a) Using app.route()
- b) Using app.routes()
- c) Using app.router()
- d) Using app.routing()

34) Which of the following is the Scaffolding in Express.js?

- a) Yeoman
- b) Express application generator
- c) Handler functions
- d) Both A & B

35) In Express.js, the method app.all(path, callback [, callback ...]) can accept all HTTP methods:

- a) True
- b) False
- c) Insufficient data
- d) None of the above



36) Which of the following is a middleware in Express.js?

- a) `function(req){ }`
- b) `method(req){ }`
- c) `function(req,res,next){ }`
- d) `method(req,res,next){ }`

37) Which of the following is the correct syntax to use Express.js in Node?

- a) `var = require('express')();`
- b) `var_require('express')();`
- c) `var app = require('express')();`
- d) None of the above.

38) Which of the following is a middleware that parses cookies attached to the client request object?

- a) `cookie`
- b) `cookies`
- c) `cookie-parser`
- d) None of the above

39) Which of the following command is used to check the current version of NPM?

- a) `nmp --ver`
- b) `npm --version`
- c) `npm help`
- d) None of the above.

40) The React method `getDerivedStateFromProps(props , state)` is called when \_\_\_\_\_

- a) The component is created for the first time
- b) The state of the component is updated
- c) Both A and B are true
- d) None of the above

41) What are the advantages of React JS?

- a) React can be used on both the client and server sides.
- b) Using React increases readability and facilitates maintainability. Components, data models improve readability and thus facilitate the management of larger applications.
- c) React can be used with any other framework (Backbone.js, Angular.js) because it is only a View layer.
- d) All the answers are true

42) Which function can be used to change the state of a React component?

- a) `this.State = { }`
- b) `this.setState`
- c) `this.changeState`
- d) None of the above

43) What is the declarative way to make a dynamic list of components based on the values of an array.

- a) Use the reduce array method
- b) With a for/while loop
- c) Use the component `<Each />`
- d) Use the `Array.map()` method

44) When is it recommended to pass `this.setState` as a function instead of an object?

- a) When the new state should completely replace the old state

- b) When the new state depends on the old state
- c) When the new state does not depend on the old state
- d) None of the above

45) What happens if you render an input element with disabled = {false}

- a) It will be rendered as enabled
- b) It will be rendered as disabled
- c) It will not be rendered at all
- d) None of the above

46) What is the purpose of the second argument of setState?

- a) To call any code after the setState operation is complete
- b) To completely replace the state instead of the default action
- c) To access the previous state before the setState operation
- d) None of the above

47) The componentDidMount method is called when \_\_\_\_\_

- a) The component is created for the first time
- b) The state of the component is updated
- c) Both
- d) None of the above

48) Which of the following APIs is a must-have for every ReactJS component?

- a) getInitialState
- b) render
- c) renderComponent
- d) None of the above

49) As soon as the state of the React component is modified, the component \_\_\_\_\_

- a) Does nothing, you have to call the render method to make the component
- b) restore the component
- c) recreated from scratch
- d) None of the above

50) Which of them provide us debugging platform for Redux apps?

- a) Redux-Testing
- b) Redux-Middleware
- c) Redux-Devtools
- d) Redux-suscriber

