

Question # 1

Given the following Javascript code:

```
let promise = new Promise(function(resolve, reject) {  
  setTimeout(() => resolve("done!"), 3000);  
});  
// resolve runs the first function in .then  
promise.then(  
  result => console.log(result),  
  error => console.log("Error!")  
);
```

What is the output?

Revisit

Choose the best option

- ☐ done! Error!
- ☐ done!
- ☒ Error!
- ☐ Incorrect code, there is no catch() block

Question # 2

Which of the following Javascript method returns true if its argument is not a number?

Revisit

Choose the best option

- ☐ isNaN()
- ☐ NaN()
- ☐ isNumber()
- ☐ isFinite()

Question # 3

```
var express = require('express');  
var app = express();  
app.get('/:name', (req, res) => res.send("Welcome to "+ req.params.name));  
app.listen(3500);
```

If the above code is run on Node, which of the following is a valid URL for user to get response as 'Welcome to CDAC'?

Revisit

Choose the best option


- ☐ http://localhost/CDAC
- ☐ http://localhost:3500/CDAC
- ☐ http://localhost?name=CDAC
- ☐ http://localhost:3500?name=CDAC

Question # 4

Which of the following statement is wrong?

Choose the best option

- ☐ Props provides a way to pass data through the component tree without having to pass context down manually at every level.
- ☐ Context provides a way to pass data through the component tree without having to pass props down manually at every level.
- ☐ In React, the data is passed top-down(parent to child) via props.
- ☐ Context is designed to share data that can be considered "global" for a tree of React components.

Question # 5 Revisit

Consider a HTML page with multiple paragraphs. What is the correct way in jQuery to iterate through all the paragraphs and display their contents? Choose the correct option from below.

Choose the best option

- ☐ `$("p").forEach(function(){ console.log($(this).text()); });`
- ☐ `$("p").iterate(function(){ console.log($(this).text()); });`
- ☐ `$("p").each(function(){ console.log($(this).text()); });`
- ☐ `$("p").loop(function(){ console.log($(this).text()); });`

Question # 6 Revisit

Which of the following allows an attacker to induce a victim user to perform actions that they do not intend to?

Choose the best option

- ☐ Cross-Site Scripting (XSS)
- ☐ Cross-site request forgery (CSRF)
- ☐ SQL Injection
- ☐ Insecure deserialization

Question # 7 Revisit

Which is the correct way to read the contents of a file asynchronously and display the contents in console in Node, using fs module?

Choose the best option

- ☐ `fs.readFile('test.txt', function (data) { console.log(data.toString()); });`
- ☐ `var data = fs.readFileSync('test.txt') console.log(data.toString())`
- ☐ `var data = fs.readFile('test.txt') console.log(data.toString())`
- ☐ `fs.readFile('test.txt', function (err, data) { if (err) return console.error(err); console.log(data.toString()); });`

Question # 8

Which is the correct way to create a hyperlink in HTML?

Choose the best option

- ☐ `<a>http://www.someserver.com`
- ☐ ` SomeServer.com`
- ☐ ` SomeServer.com`
- ☐ ` SomeServer.com`

Question # 9

Identify the correct statement from the following:

Choose the best option

- ☐ Both var and let are used to create function scoped variable.
- ☐ Both var and let are used to create block scoped variable.
- ☐ Using let we can create block scoped variable.
- ☐ The variable created using var keyword is not global scoped.

Question # 10

Given this HTML code:

```
<body>
<p>para-1</p>
<div>
<p>para-2</p>
<p>para-3</p>
</div>
<h2>Header-2</h2>
<p>para-4</p>
</body>
```

What is the correct Javascript code to change font color of all paragraphs in the document to blue?


 Revisit

Choose the best option

- ☐ `<script>`
document.getElementsByTagName("p").style.color="blue"
`</script>`
- ☐ `<script>`
let list = document.getElementById("p");
for(i=0;i<list.length;i++)
list[i].style.color="blue"
`</script>`
- ☐ `<script>`
let list = document.getElementsByTagName("p");
for(i=0;i<list.length;i++)
list[i].style.color="blue"
`</script>`
- ☐ `<script>`
let list = document.getElementsByName("p");
for(i=0;i<list.length;i++)

Question # 11

Which of the following is a valid jQuery syntax to show current element?


 Revisit

Choose the best option

- ☐ `$(current).show()`
- ☐ `$(this).show()`
- ☐ `$(current).enable()`
- ☐ `$(this).enable()`


Question # 12

Consider a HTML page with a number of header tags. Which is the correct JQuery code to apply a background color of blue to all h3 elements?

 Revisit

Choose the best option

- ☐ `$("#h3").style("background-color","blue");`
- ☐ `$("#h3").addClass("background-color","blue");`
- ☐ `$("#h3").css("background-color","blue");`
- ☐ `$("#h3").layout("background-color","blue");`

Question # 13 Revisit

Which of the following is a valid HTML syntax for creating multi line text input control?

Choose the best option

- ☐ <input type="text">
- ☐ <textarea>
- ☐ <input type="textarea">
- ☐ <textbox>

Question # 14 Revisit

- const [x, y, z] = [1, 2, 3, 4];
- z

What will be the output of above code in Node.js REPL terminal?

Choose the best option

- ☐ 3
- ☐ 4
- ☐ 1
- ☐ undefined

Question # 15 Revisit

What will be the return value for `typeof(null)` in javascript?

Choose the best option


- ☐ NaN
- ☐ object
- ☐ null
- ☐ string

Question # 16 Revisit

Which of the below is not a valid datatype in Javascript?

Choose the best option

- ☐ Undefined
- ☐ Float
- ☐ Boolean
- ☐ Number


Question # 17 Revisit

Identify the correct command to run a REPL session in Node.

Choose the best option

- ☐ node init
- ☐ node
- ☐ node start
- ☐ node repl

Question # 18


 Revisit

What value of XMLHttpRequest.readyState in Ajax is checked for response readiness?

Choose the best option

- ☐ 4
- ☐ 3
- ☐ 2
- ☐ 1

Question # 19


 Revisit

How can you make properties and methods available outside the module file in Node.js?

Choose the best option

- ☐ module.export
- ☐ module.exports
- ☐ module.ng.exports
- ☐ module.expose

Question # 20

 Revisit

Which of the following file in Node.js application contains information about project dependencies?

Choose the best option

- ☐ pom.xml
- ☐ pom.json
- ☐ package.xml
- ☐ package.json

Question # 21


 Revisit

Which of the following function is used as a shortcut for jQuery?

Choose the best option

- ☐ &
- ☐ \$
- ☐ @
- ☐ #

Question # 22

 Revisit

In jQuery, \$.hide() is equivalent to:

Choose the best option

- ☐ document.hide()
- ☐ jQuery.hide()
- ☐ javascript.hide()
- ☐ jq.hide()

Question # 23

Revisit

Which is the default port on which the development server for React runs on?

Choose the best option

- ☐ 3050
- ☐ 8080
- ☐ 3000
- ☐ 8000

Question # 24

Revisit

Given following HTML code:

```
<input type="text" id="zip">
```

Which is the most correct JavascriptRegular expression pattern to check for exactly a 6-digit zip code in the textfield (no other text allowed in textfield)?

Choose the best option

- ☐ /d\d\d\d\d\d/
- ☐ /[0-9]+/
- ☐ /[0-9]*/
- ☐ /^\d{6}\$/

Question # 25

Revisit

In React, what is a common use case for "ref" in an uncontrolled component?

Choose the best option

- ☐ To bind the function
- ☐ To refer to a function
- ☐ To refer to an external JavaScript file
- ☐ To directly access the underlying DOM

Question # 26

Revisit

Which of the following is default scope in Node.js application?

Choose the best option

- ☐ Local
- ☐ Global
- ☐ Remote
- ☐ Public

Question # 27

Which is the correct way to declare an internal/embedded style sheet?

Revisit

Choose the best option

- ☐ <link>
p {color:red; text-align:center; }
</link>
- ☐ <style>
p {color:red; text-align:center; }
</style>
- ☐ <css>
p {color:red; text-align:center; }
</css>
- ☐ <class>
p {color:red; text-align:center; }
</class>

Question # 28

Which of the below HTTP status code indicates redirection?

Revisit

Choose the best option

- ☐ 202
- ☐ 307
- ☐ 226
- ☐ 501

Question # 29

What is the correct JavaScript code to change the content of the following HTML <div>?
<div id="div1">This is original content</div>

Revisit

Choose the best option

- ☐ document.getElementById("div1").innerHTML = "Changed content";
- ☐ document.getElementById("div1").innerHTML = "Changed content";
- ☐ document.getElementsByTagName("div").innerHTML = "Changed content";
- ☐ document.getElementById("div1").value = "Changed content";

Question # 30

Identify the wrong statement from the following:

Revisit

Choose the best option

- ☐ A promise has three possible states
- ☐ A promise is used to handle the asynchronous result of an operation
- ☐ A promise has four possible outcomes
- ☐ With promises, we can defer the execution of a code block until an async request is completed.

Question # 31

Which of the following java script function is used to register a function to be invoked after the specified number of milliseconds?

Revisit

Choose the best option

- ☐ setInterval()
- ☐ setTimeout()
- ☐ setMilliseconds()
- ☐ setTime()

Question # 32

In Nodejs, consider a module called myapp.js that exports a json object:
//myapp.js
var obj = { "name": "amit", "age": 23 };
//code to export this obj
Create another file - TestMyApp.js. Which of the following is the correct code to write in TestMyApp.js. file that will import the myapp.js and display the name and age?

Revisit

Choose the best option

- ☐ const app = require('./myapp');
console.log(app.name, app.age);
- ☐ import app from './myapp';
console.log(app.name, app.age);
- ☐ const app = import('./myapp');
console.log(app.name, app.age);
- ☐ const app = include('./myapp');
console.log(app.name, app.age);

Question # 33

```
<script>  
x = 10;  
function myFunction() {  
  console.log(x);  
}  
var x = 20;  
myFunction();  
</script>
```

What will be the console output of above java script code snippet?

Revisit

Choose the best option

- ☐ 10
- ☐ 20
- ☐ undefined
- ☐ Error

Question # 34

What is a "React" component? (Choose the most appropriate option)

Choose the best option

- ☐ It's a javascript function which typically returns HTML (JSX) code that should be displayed
- ☐ It's a replacement for standard HTML which is supported by modern browsers
- ☐ It's a Javascript function that must not return anything
- ☐ A React component takes a mandatory input and returns normal HTML

Question # 35

Which of the following statements is true for React Js?

Choose the best option

- ☐ State can be managed with class components only
- ☐ State can be managed with functional components only
- ☐ State can be managed with both class & functional components
- ☐ State can't be managed with class or functional components, redux is required.

Question # 36

Revisit

Which is the correct way to create a textarea in a HTML form?

Choose the best option

- ☐ `<textarea name="address">`
Please write your address
`</textarea>`
- ☐ `<input type="textarea" name="address" rows=5 cols=10>`
Please write your address
`</input>`
- ☐ `<input type="text" multiple="true" name="address">`
Please write your address
`</input>`
- ☐ `<textarea name="address" rows=5 cols=10>`
Please write your address
`</textarea>`

Question # 37

Revisit

What is the Javascript code to display "Hello World" in a popup box with a single "ok" button to dispose the popup?

Choose the best option

- ☐ `confirm("Hello World")`
- ☐ `alertBox("Hello World")`
- ☐ `prompt("Hello World")`
- ☐ `alert("Hello World")`

Question # 38

Revisit

Which is the name of the function that is used to change the state of a class-based React component?

Choose the best option

- ☐ `this.setState()`
- ☐ `this.changeState()`
- ☐ `this.setXXX()`, where XXX can be any function name
- ☐ `this.state = (new value)`

Question # 39

Revisit

Which of the following is a software application used for accessing the information on the World Wide Web?

Choose the best option

- ☐ Web Server
- ☐ Application Server
- ☐ Web Browser
- ☐ Domain Name Server

Question # 40

When you modify the state of a React component, the component _____.

Choose the best option

- ☐ does nothing, you have to call the render method to rerender the component
- ☐ automatically re-renders
- ☐ is recreated from scratch
- ☐ state is read-only, you cannot modify state.

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