

Q.1. Which HTML tag is called the root element of an HTML document?

- <html>
- <body>
- <title>
- <head>

Q.2. Node.js is an _____

- open source, cross-platform runtime environment for client-side JavaScript
- javaScript library for server-side JavaScript
- open source, cross-platform runtime environment for server-side JavaScript
- open source, platform dependant runtime environment for server-side JavaScript

Q.3. Which of the following are examples of block-level elements in HTML?

- <div>
- <p>
- <h1>
- All of the above

Q.4. Which object can be used to exchange data with a server behind the scenes?

- XMLHttpRequest
- HttpsRequest
- JSONHttpRequest
- All of the above

Q.5. Which css properties will be applied for to p tag making text bold & italic in HTML page?

- font-thickness & font-variant
- font-family & font-size
- font-size & font-style

font-weight & font-style

Q.6. In HTML, which attribute is used to create a link that opens in a new window tab?

- src = '_blank'
- alt = '_blank'
- target = '_self'
- target = '_blank'

Q.7. Which of the following grid class in Bootstrap is used for desktops?

- xs
- sm
- lg
- md

Q.8. What does following code do?

```
var fs = require("fs");
var data = "cceestudy.online"
fs.open('sample.txt', 'r', function (err, fd) {
    if(err)
        return console.error(err);
    var buffr = Buffer.alloc(1024);

    fs.read(fd, buffr, 0, buffr.length, 0, function (err, bytes){
        if (err) throw err;
        if (bytes > 0) {
            console.log(buffer.toString());
        }

        fs.close(fd, function (err) {
            if (err) throw err;
        });
    });
});
```

- Writes the data into sample.txt file
- Copies the data of sample.txt file to another file
- Reads the sample.txt file and logs the data of it to console
- None of these.

Q.9. What is Babel?

- JavaScript compiler
- JavaScript interpreter
- JavaScript transpiler
- None of the above

Q.10. In below code snippet, in what order will the margins be added?

```
p {
    margin : 25px 50px 75px 100px;
```

}

- Top, Right, Bottom, Left
- Top, Left, Bottom, Right
- Top, Bottom, Right, Left
- Right, Left, Top, Bottom

Q.11. The correct order of CSS box model from outer to inner that wraps around HTML elements:

- Margin, Border, Padding, Content
- Border, Margin, Padding, Content
- Margin, Padding, Border, Content
- Content, Margin, Border, Padding

Q.12. The style of programming whereby instead of using a return value defined functions are called by the system when interesting events occur is called _____

- Event-driven programming
- Synchronous programming
- Callback programming
- functional programming

Q.13. Which of the following command is used to install create-react-app?

- npm install -g create-react-app
- npm install create-react-app
- npm install -f create-react-app
- install -g create-react-app

Q.14. Which attribute specifies the path to the image?

- href
- link
- src
- All of the above

Q.15. ReactJS uses _____ to increase performance.

- Virtual DOM
- Original DOM
- Primary DOM
- All of the above

Q.16. What will be the output of below javaScript code:

```
const numbers = [ 20, 21, 22 ];
const newNumbers = [ ...numbers, 5 ]
console.log(newNumbers)
```

- [20, 21, 22, 23, 24, 25, 26, 27]
- [20, 21, 22, 5]
- [[20, 21, 22], 5]
- [5, 20, 21, 22]

Q.17. What is the correct syntax of writing JSON name/value pair, where the value is of string type?

- "name" : "value"
- "name" : value
- name : "value"
- 'name' : 'value'

Q.18. Which is the default port on which the development server for React runs on?

- 3050
- 8080
- 3000
- 8000

Q.19. Which function is used to serialize an object into JSON string in Javascript

- stringify()
- parse()
- convert()
- None of the above

Q.20.

```
import React from 'react';
import ReactDOM from 'react-dom/client';
const authenticate = false;
function ComponentOne(){
    return
    <h1> ComponentOne </h1>
}

function ComponentTwo(){
    return
    <h1> ComponentTwo </h1>
}

const root = ReactDOM.createRoot(document.getElementById('root'));
root.render( authenticate ? : )
```

after start the ReactJS application using npm start what will render on browser?

- ComponentOne
- ComponentTwo
- ComponentOne ComponentTwo
- ComponentTwo ComponentOne

Q.21. Which file contains human-readable metadata about the project (like the project name and description) as well as functional metadata like the package version number and a list of dependencies required by the application?

- app.js
- index.html
- package.json
- pom.xml

Q.22. Which of the following tag insists to have a value in an input control in HTML5?

- output
- placeholder
- autofocus
- required

Q.23. ES6 stands for?

- ECMAScript 6
- ECMA 6
- ECMAJavaScript 6
- EJavascript 6

Q.24. Node.js uses the _____ Event Loop architecture to handle multiple concurrent clients.

- Single Threaded
- Multi Threaded
- Non Threaded
- All of the above

Q.25. Which of the following is not feature of jQuery?

- Efficient query method for finding the set of document elements
- Expressive syntax for referring to elements in the document
- Useful set of methods for manipulating selected elements
- Powerful functional programming techniques are not used for operating on sets of elements as a group

Q.26. The correct sequence of HTML tags for starting a webpage is -

- Head, Title, HTML, body
- HTML, Body, Title, Head
- HTML, Head, Title, Body
- HTML, Body, Title, Head

Q.27. What are the two ways to handle data in React?

- State & Props
- Services & Components
- State & Services
- State & Component

Q.28. How to get input text value given by user in input text box having id='userInput' using JavaScript

- var text = document.getElementById('userInput').innerHTML;
- var text = document.getElementById('userInput').value;
- var text = document.getElementById('userInput').text;
- var text = document.getElementById('userInput').data;

Q.29. Below which line shows output without any error?

```
const a = 10; a = a + 10; console.log(a); //line 1  
const arr = [10,20,30]; arr.push(40); console.log(arr); //line 2
```

- line 1
- line 2
- both lines
- None of these

Q.30. How to change color to red of p tag having id text using jQuery?

- \$('#text').color('red')
- \$('.text').css('color','red')
- \$('#text').css('color','red')
- \$('p').css('color','red')

Q.31. What will be the output of following code?

```

let promise = new Promise (function (resolve, reject) {
    setTimeout (function () {
        resolve('Promise resolved'), 4000;
    });
}

async function asyncFunc() {
    let result = await promise;
    console.log(result);
    console.log('Hello world');
}

asyncFunc();

```

- Hello world
- Hello world
Promise resolved
- Promise resolved
Hello world
- Promise resolved

Q.32. Which method requests that the server accept the data enclosed in the request as a new object/entity of the resource identified by the URI?

- GET
- PUT
- SET
- POST

Q.33. _____ is a middleware which parses cookies attached to the client request object.

- cookie
- req.cookies
- cookie-parser
- cookie-storage

Q.34. Which is the correct arrow function to add two numbers?

- add = (a,b) => a+b;
- add = (a,b) => return a+b;
- add = (a,b) => { return a+b;}
- both second and third option

Q.35. Which statement is valid in using a Node module fs in a Node-based application?

- import fs
- package fs
- var fs = require('fs')
- var fs = import('fs')

Q.36. Redux solves this problem by managing application's state with a single global object called?

- directory
- file
- store
- Component

Q.37.

```
var express = require('express');
var app = express();

app.get('/hello', function (req, res) {
    res.send("Hello World!");
})

app.post('/hello', function (req, res) {
    res.send("Hi World!")
})

app.get('/hi', function (req, res) {
    res.send("Hello World!");
})

app.listen(3000);
```

If the above code is run on Node and user entered the URL
'<http://127.0.0.1:8000/hello>', what response will be shown?

- Hello World!
- Hi World!
- Hello World! Hi World!
- 127.0.0.1 refused to connect will be shown

Q.38. Third-party packages can be install/update/delete using _____

- Node Package Manager
- Node.exe
- module.exports
- REPL

Q.39. The state in React can be updated by call to setState method. These calls are

- Synchronous in nature
- Asynchronous in nature
- Are asynchronous but can be made synchronous when required
- None of above

Q.40. Which is the correct symbol to insert a comment in HTML?

- //
- /* ... */
- <!-- ... -->

// ... //

Submit