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MCQs

Q.1 Which of the following is true about a blocking code?

a. It halts the execution of the application for an extended time.

b. It does not halt the execution of the application.

c. It does not block the interrupts.

d. None of these

Ans. It halts the execution of the application for an extended time.

Q.2 Which of the following is true about a non-blocking code?

a. The call causes results to be returned asynchronously.

b. The call causes results to be returned synchronously.

c. The call causes results to be returned randomly.

d. None of these

Ans. The call causes results to be returned asynchronously.

Q.3 Which of the following is not a asynchronous function in js ?

a. setTimeout

b. setInterval

c. console.log

d. fetch

Ans. console.log

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Q.4 How to define a custom asynchronous function?

a. asynchronous keyword   b. async keyword

c. .then after function call   d. None of these

Ans. async keyword

Q.5 What is return type of a asynchronous function

a. Object   b. callback function

c. Promise   d. Promise object or nothing

Ans. Promise object or nothing

Q.6 What are the different status of a Promise

a. pending, success, error   b. success, rejected

c. pending, success, rejected   d. success, error

Ans. pending, success, rejected

Q.7 How to resolve a promise ?

a. With .then suffix

b. Defining function with async keyword and calling as normal function

c. Any of these

d. None of these

Ans. Any of these

Q.8 How to handle errors in asyncronous functions ?

a. With .catch after function call

b. wrapping in a try catch block

c. Any of these

d. None of these

Ans. Any of these

Q.9 What is return type if we doesn't returned anything from asynchronous functions ?

a. null

b. undefined

c. error

d. None of these

Ans. undefined

Q.10 Which is true among blocking and non blocking codes ?

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a. All methods executes same

b. Blocking methods execute asynchronously and non-blocking methods execute synchronously.

c. Blocking methods execute synchronously and non-blocking methods execute asynchronously.

d. None of these

Ans. Blocking methods execute synchronously and non-blocking methods execute asynchronously.

Q.11 What will be the output of the following JavaScript code snippet?

```
let num=10;

if(num==="10")

return true;

else

return false;
```

a. FALSE

b. TRUE

c. compilation error

d. runtime error

Ans. FALSE

Q.12 Which is true for jest ?

a. Jest is a JavaScript unit testing framework.

b. Jest is a JavaScript unit testing library

c. Jest is a extension to js

d. None of these

Ans. Jest is a JavaScript unit testing framework.

Q.13 Which recursively checks every field of an object or array.

a. toMatch

b. toBe

c. toBeEqual

d. toEqual

Ans. toEqual

Q.14 Jest uses _____ and _____ matchers to test a value is with exact equality.

a. toBeTruthy, toBeFalsy

b. ToBeEqual , toMatch

c. ToBe , toEqual

d. toBeUndefined, toBeDefined

Ans. ToBe , toEqual

Q.15 Which is true for mock function ?

a. Mock function is used to skip a function call.

b. Mock function is used to ducplicate the methods for testing

c. Mock functions allow you to test the links between code by erasing the actual implementation of a function

d. None of these

Ans. Mock functions allow you to test the links between code by erasing the actual implementation of a function

Q.16 If you expect a promise to be rejected, use the _____ matcher. If the promise is fulfilled, the test will automatically fail.

a. .then

b. .rejects

c. Any of these

d. .resolves

Ans. .rejects

Q.17 How to run your test in terminal?

a. npm test

b. npm run test

c. npm t

d. Any of these

Ans. Any of these

Q.18 Jest supports _____ for Isolating functionality into small, testable units under test.

a. Matchers   b. Mock Functions

c. Static Functions   d. None of these

Ans. Mock Functions

Q.19 The number can be compared using _____.

a. toBeGreaterThanOrEqual   b. toBeLessThan

c. toEqual   d. Any of these

Ans. Any of these

Q.20 _____ matcher matches only undefined.

a. toBeDefined   b. toBeTruthy

c. toBeUndefined   d. toBeFalsy

Ans. toBeUndefined

Q.21 What will be the output of the following JavaScript code snippet?

```
let num=10;

if(num=="10") {

if (num / 10 == 1)

return true;

return false;

}

else

return false;
```

a. FALSE   b. TRUE

c. compilation error   d. runtime error

Ans. runtime error

Q.22 _____ resets all information stored in the mock, including any inital implementation given.

a. mockReset()   b. mockClear()

c. mockRestore()   d. Any of these

Ans. mockReset()

Q.23 Jest records all calls that have been made during mock function and it is stored in _____ array.

a. mock.instances

b. mock.calls

c. mock.objectCalls

d. None of these

Ans. mock.calls

Q.24 Jest will wait until the _____ callback is called before finishing the test.

a. finish

b. do

c. done

d. None of these

Ans. done

Q.25 _____ returns the value only once when mock function is called.

a. mockReturnOnce(value)

b. mockReturnValue(value)

c. mockReturnValueOnce(value)

d. None of these

Ans. mockReturnValueOnce(value)

Q.26 The _____ in switch statement is used to terminate the current sequence.

a. default

b. goto

c. jump

d. break

Ans. break

Q.27 _____ resets all information stored in the mockFn.mock.calls and mockFn.mock.instances arrays.

a. mockClear()

b. mockRestore()

c. mockReset()

d. All of these

Ans. mockClear()

Q.28 Which is true for Jest

a. Close to none configuration is required to get started with writing tests and deploying them.

b. Jest has the ability to enable snapshot testing as well. Essentially, the snapshots are matched with the saved snapshot and check for matching functionality.

c. Jest tests are run parallelly to improve run time.

d. All of these

Ans. All of these

Q.29 How to get code coverage report in jest ?

a. npm test

b. npm test -- --coverage

c. None of these

d. Any of these

Ans. npm test -- --coverage

Q.30 What is true about code coverage tests

a. Code coverage tests that how much functions are mocked under tests

b. Code coverage tests that how much functions is covered under tests

c. Code coverage tests that how much code is covered under tests

d. None of these

Ans. Code coverage tests that how much code is covered under tests

Q.31 Which is true for default port where node js app runs

a. We cant change the default port

b. We can change default port to any port we want

c. Port is a system variable we can't change

d. All of these

Ans. We can change default port to any port we want

Q.32 What is the alternative ip to reference the localhost

a. 1.1.1.1   b. 127.0.0.1

c. 0.0.0.0   d. None of these

Ans. 127.0.0.1

Q.33 What is true about Heroku

a. Heroku is used to deploy, manage, and scale our apps

b. Heroku is a cloud platform as a service (PaaS) supporting several programming languages.

c. Heroku is a cloud application platform that makes it easy to both develop and deploy web applications.

d. All of these

Ans. All of these

Q.34 Which is a unique number that computers use in order to identify and communicate with each other on a computer network.

a. ISP   b. IP Address

c. Gateway   d. HTTP

Ans. IP Address

Q.35 The web server (computer) where your web site's html files, graphics, etc. reside is known as the

a. web localhost

b. web host

c. web server

d. None of these

Ans. web host

Q.36 Which service is used to resolve the domain names to IP addresses ?

a. Resolver

b. Name-Converter

c. DNS

d. None of these

Ans. DNS

Q.37 What is true about MongoDb Atlas

a. Free database provider

b. Another type of noSql database

c. MongoDB Atlas is a developer-oriented cloud service provided by MongoDB.

d. None of these

Ans. MongoDB Atlas is a developer-oriented cloud service provided by MongoDB.

Q.38 Which branch is used for deployment from GitHub to Heroku?

a. master

b. main

c. origin

d. Anything we can choose

Ans. Anything we can choose

Q.39 Why we need ip whitelisting in mongodb atlas ?

a. To make db secure and accessible only from controlled list of ips

b. To secure db from external access

c. To make data in db secure with controlled users

d. All of these

Ans. All of these

Q.40 Where to add environment variables in Heroku ?

a. Deploy -> configs

b. Deploy -> Config Vars

c. Setting -> configs

d. Setting -> Config Vars

Ans. Setting -> Config Vars