

1. What will be the output of the following JavaScript code?

```
<p id="demo"></p>
<script>
function demoFunction()
{
  var str = "\nIs th\nis it?";
  var patt1 = /^is/m;
  var result = str.match(patt1);
  document.getElementById("demo").innerHTML = result;
}
</script>
```

Answers

1. IS

**2. is**

3. Error

4. Undefined

2. What function arguments are available to Express.js Route handlers?

Answers

1. req - the request object

2. res - the response object

3. next

**4. All of the above**

3. Which of the followings are validation directives?

Answers

**1. ng-minlength**

2. ng-valid

3. ng-invalid

4. ng-pristine

4. The ng-bind directive binds \_\_\_\_\_.

Answers

1. Data to model

2. View to controller

**3. Model to HTML element**

4. Model to \$scope

5. How many Node object methods are available?

Answers

1. **18**

2. 19

3. 20

4. 21

6. How can we create chainable route handlers for a route path in ExpressJS app?

Answers

1. Using `app.router()`

2. **Using `app.route()`**

3. Using `app.routing()`

4. All of these

7. The `ng-model` directive is used for \_\_\_\_\_.

Answers

1. One-way data binding

2. **Two-way data binding**

3. Binding view to controller

4. None of the above

8. What is `.subscribe`?

Answers

1. Streams data in asynchronously

2. Streams data in synchronously

3. **Both a and b**

4. None of above

9. What is data binding in angular JS?

Answers

1. Synchronization between model part and controller part

2. Synchronization between controller part and view part

3. **Synchronization between model part and view part**

4. None of the above

10. How Observables are Used?

Answers

1. The Reactive Forms Module uses reactive programming and Observables for listening to user input

2. The @output() decorator in a component takes an EventEmitter instance. EventEmitter is a subclass of the RxJS Observable

3. None of above

**4. Both a and b**

11. Which components can be injected as a dependency in AngularJS?

Answers

1. factory

2. constant

3. value

**4. Application Module**

12. What will be the output of the below code in the console?

File: any\_module.js  
exports.name = 'Rabbit';

Code:

```
var any_module = require('./anymodule');  
console.log((function(settings){  
    return settings.split('').reverse().join('')  
})(any_module.name));
```

Answers

1. Rabbit

**2. Error**

3. undefined

4. tibbaR

13. Which of the following statement is TRUE?

Answers

1. TypeScript supports generics.

2. TypeScript supports readonly and static members.

3. TypeScript supports abstract class.

**4. All of the above.**

5. None Of the Above.

14. Which of the following class is used to create and consume custom events in Node.js?

Answers

**1. EventEmitter**

2. Events

3. NodeEvent

4. None of the above

15. What should you do in your code to improve your application's performance?

1 - Use gzip compression

2 - Don't use synchronous functions

3 - Do logging correctly

4 - Handle exceptions properly

Answers

1. 1 and 2

2. 1,2 and 3

3. only 1

**4. all 1,2, 3,4**

16. Route paths, in combination with a request method, define the endpoints at which requests can be made.

Which of following are valid form of route path?

Answers

1. strings

2. string patterns

3. regular expressions

**4. All of above**

17. which of the following will introduce the animation capabilities into angular root application module

Answers

1. AnimationsModule

2. animationsModule

**3. BrowserAnimationsModule**

4. browseranimationsModule

18. what does angular an NgForm component represents in an HTML web page

Answers

1. textarea
- 2. form elements**
3. submit button
4. Lable

19. to achive security what to use in Angular?

Answers

- 1. CanActivate()**
2. CanLoad()
3. nginit()
4. all of the above

20. How many root scopes are present in angular application

Answers

1. 3
2. 2
- 3. 1**
4. depends upon the requirement

21. which angular module, is needed to use NgIf,NgFor

Answers

1. HttpClientModule
2. FormsModule
3. BrowserModule
- 4. CommonModule**

22. How many listenners can be attached to an event in NodeJS?

Answers

1. 10
2. 50
- 3. unlimited**

4. none of the above

23. 6) Is the below code valid?

```
var num0 = function (req, res, next) {  
  console.log('NUM0')  
  next()  
}  
  
var num1= function (req, res, next) {  
  console.log('NUM1')  
  next()  
}  
  
var num2= function (req, res) {  
  res.send('Hello from Angular!')  
}  
  
app.get('/example/angular', [num0, num1, num2])
```

Answers

**1. yes**

2. no

3. partial yes and partial no

4. none of the above

24. Which are the different Data Types supported by Typescript?

Answers

1. Boolean var bValue: boolean = false

2. Number var age: number = 16

3. String var name: string = "jon"

**4. All of the above mentioned**

25. In N0dejs what is use of underscore variable in REPL session

Answers

1. to Store the result

2. to get the last command used

**3. to get the last result**

4. None of the above

26. Command to list all modules that are install globally?

Answers

1. \$ npm ls

2. **\$ npm ls -g**

3. \$ node ls

4. \$ node ls -g

27. Which method can be used to handle an event just only one time?

Answers

1. `eventEmitter.on()`

2. `event_Emitter.one()`

3. **`eventEmitter.once()`**

4. `event_Emitter.on()`

28. Find output of the following program ?

```
$ node  
> 15 + ( 2 * 4 ) - 8
```

Answers

1. **15**

2. Error

3. undefined

4. None of the above

29. Which of the following are Node.js streams types?

Answers

1. Readable

2. Writable

3. Duplex

4. **All of the above**

30. How can we create instance of http module?

Answers

1. **`var http = require("http")`**

2. `var http = new require("http")`

3. `var http = new http()`

4. None of the above

31. Imagine that you sent following ajax request:  
\$.post("/process", {name:'john'}, function(data){  
    // Do some stuff  
});

What will be the answer from the server?

Tip: On server side, we have the code which is given below

Code:

```
app.post('/process', function(req, res){  
    var data = '';  
  
    if(req.xhr){  
        data += 'One';  
    }  
  
    if(req.body.name){  
        data += 'Two';  
    }  
  
    res.send(data);  
});
```

Answers

1. **'OneTwo'**

2. 'One'

3. 'Two'

4. All of these

32. Which of the following are types of binding in Angular component binding?

Answers

1. Property Binding

2. Class Binding

3. String Interpolation

4. Event Binding

**5. All of the Above**

33. All are backported features of TypeScript, except....

Answers

1. Arrows

2. Classes

3. Modules

**4. Methods**

34. The rest parameters in a function is used when \_\_\_\_\_.



## Answers

1. The types of parameters is not known
  - 2. The number of parameters is not known**
  3. The function needs to be executed asynchronously
  4. The function is called recursively
35. Can an HTML page have multiple "ng-app" directive for bootstrapping multiple AngularJS application?

## Answers

1. Yes
  - 2. No**
  3. None of above
  4. partially yes
36. What are the services in AngularJS?

## Answers

1. Services are objects which AngularJS uses internally.
  2. Services are not used in AngularJS.
  - 3. Services are singleton objects which are instantiated only once in app and are used to do the defined task**
  4. Services are server side components of AngularJS.
37. Which sign is used as prefix for the built-in objects in AngularJS?

## Answers

1. #
  2. %
  3. @
  - 4. \$**
38. Which Angular directive is used to binds the value of HTML controls (input, select, textarea) to application data?

## Answers

1. ng-cloak
- 2. ng-model**
3. ng-bind

4. ng-blur

39. Which character is used for chaining multiple pipes in Angular

Answers

1. -

2. \

3. :

**4. |**

40. Which of the following is a valid AngularJS expression?

Answers

1. { 2 + 2 }

**2. {{ 2 + 2 }}**

3. { (2 + 2) }

4. (( 2 + 2 ))