Elective Module 3 Mock Test

Personal Information

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1. ADIT Registration Number *

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All Questions Carry Equal Marks

✓ **Correct**   1/1 Points

5. TypeScript can always correctly infer a variables type. *

○ True

◉ False

✓ **Correct**   1/1 Points

6. What are core features of Express framework ? *

○ Allows to set up middlewares to respond to HTTP Requests

○ Defines a routing table which can works as per HTTP Method and URL

○ Dynamically render HTML Pages

○ All of the above

7. Which extension is used to save NodeJs files?
*

○ .java

○ .txt

● .js

○ .node

8. Which function is used to include modules in Node Js ?
*

○ include();

○ All of the above

● require();

○ attach();

9. What is the inherited type for the variable example in 'const example = ['Dylan']'?
   *

   ⦿ string[]

   ○ unknown[]

   ○ any[]

   ○ string

10. What does the 'readonly' access modifier do for an array variable assignment like: 'const codeNames: readonly string[] = ['Coding', 'God']'?
    *

    ○ Allows only adding but not deleting elements in the array

    ○ Makes it private and can only be used in the file its created

    ⦿ Allows no changes and is there simply to be read from and not modified

○ Makes you read it for better clean code

✓ **Correct**   1/1 Points

11. TypeScript is ?

*

◉ Case-sensitive

○ Case-insensitive

○ None of the above

○ depends on typescript version

✓ **Correct**   1/1 Points

12. TypeScript supports how many types of comments?

*

○ 3

◉ 2

○ 4

○ 1

13. Which is a successful example of this tuple '[number, string]'? *

◉ const ourTuple = [101, 'Coding God']

○ const ourTuple = [101]

○ const ourTuple = ['Coding God', 101]

○ const ourTuple = [101, 101, 'Coding God', 'Coding God']

14. A _____ in terms of OOP is a blueprint for creating objects. *

○ constructor

○ method

◉ class

○ function

15. What is the default scope in Node.js application.
    *

  ○ Global

  ⦿ Local

  ○ Private

  ○ Public

16. Command to list all modules that are install globally? *

  ○ $ node ls

  ○ $ node ls -g

  ○ $ npm ls

  ⦿ $ npm ls -g

17. Which of the following module is required for path specific operations ? *

- ◯ Os module

- ◯ All of the above.

- ◉ Path module

- ◯ Fs module

18. How do you install Nodemon using Node.js? *

- ◯ npm install -g nodemon

- ◯ None of the above

- ◯ Both

- ◉ node install -g nodemon

19. Which of the following is the correct way to get a normalized path?
   *

   ○ None of the above

   ○ os.normalize('/test/test1//2slashes/1slash/tab/..')

   ○ fs.normalize('/test/test1//2slashes/1slash/tab/..')

   ◉ path.normalize('/test/test1//2slashes/1slash/tab/..')

   ✓ **Correct**   1/1 Points

20. In Node.js APIs of Node.JS are which of the following? *

   ○ Both of the above

   ○ Synchronous

   ◉ Asynchronous

   ○ None of the above

   ✓ **Correct**   1/1 Points

21. How can we create instance of http module? *

○ var http = require("http")

○ var http = new require("http")

○ var http = new http()

○ None of the above

✓ **Correct**   1/1 Points

22. Node.js supports which of the following platform? *

○ Windows

● All of the above

○ Macintosh

○ Unix/Linux

✓ **Correct**   1/1 Points

23. REPL stands for. *

○ Read Earn Point Learn

○ Read Eval Point Loop

○ Read Eval Print Loop

○ Research Eval Program Learn

✗ **Incorrect**   0/1 Points

24. Command to start Node REPL *

○ $ node

⦿ $ node repl

○ $ node console

○ $ node start

✓ **Correct**   1/1 Points

25. AngularJS is based on which of the following pattern.? *

⦿ MVC

○ VMC

○ GUI

○ MVA

✓ **Correct**   1/1 Points

26. What does AOT stand for? *

○ None of above

⦿ Ahead-Of-Time Compilation

○ Angular Object Templates

○ Both

✗ **Incorrect**   0/1 Points

27. What command will create a new Angular app with a root routing module? *

○ ng generate my-dream-app

⦿ ng new my-dream-app --module

○ ng new my-dream-app --routing

○ ng generate my-dream-app --routing

✓ **Correct** 1/1 Points

28. Point out the correct statement. *

○ All of the Above

◉ MongoDB is classified as a NoSQL database

○ MongoDB favours XML format more than JSON

○ MongoDB is column oriented database store

✕ **Incorrect** 0/1 Points

29. MongoDB is a _____ database that provides high performance, high availability, and easy scalability. *

○ document

◉ key value

○ All of the above

○ graph

30. Dynamic schema in MongoDB makes _____ easier for applications. *

⦿ Both (A) and (B)

⦿ C. polymorphism

⦿ A. inheritance

⦿ B. encapsulation

31. _____ replicas maintain a copy of the data on the primary using built-in replication. *

⦿ Backup

⦿ All of the above

⦿ Secondary

⦿ Primary

32. _____ can be used for batch processing of data and aggregation operations. *

○ Hive

● MapReduce

○ None of the above

○ Oozie

✓ **Correct**   1/1 Points

33. MongoDB uses a ____ lock that allows concurrent read access to a database but exclusive write access to a single write operation. *

○ Writer

● Readers-writer

○ Readers

✓ **Correct**   1/1 Points

34. Which of the following is a NoSQL Database Type? *

○ All of the above

○ Document databases

○ SQL

○ JSON

✓ **Correct**   1/1 Points

35. Most NoSQL databases support automatic _____ meaning that you get high availability and disaster recovery. *

◉ replication

○ processing

○ scalability

○ All of the above

✕ **Incorrect**   0/1 Points

36. Which of the following are the simplest NoSQL databases? *

◉ Document

○ Key-value

○ All of the above

○ Wide-column

✓ **Correct** 1/1 Points

37. What is the interactive shell for MongoDB called? *

○ db

◉ mongosh

○ dbmong

○ mongodb

✕ **Incorrect** 0/1 Points

38. Administrative information in MongoDB can also be accessed through _____ *

○ web interface

○ psql shell

◉ All of the above

○ dashboard

39. _____ is the primary daemon process for the MongoDB system. *

◉ mongod

○ syspathlog

○ logpath

○ mongos

40. Which of the following method is used to query documents in collections? *

○ shell

○ move

◉ find

○ replace

✓ **Correct**   1/1 Points

41. Which of the following also returns a list of databases? *

   ◉ show databases

   ◯ show database

   ◯ display dbs

   ◯ All of the above

✓ **Correct**   1/1 Points

42. Which of the following operation is used to switch to new database mydb? *

   ◉ use mydb

   ◯ use dbs

   ◯ use mydbs

   ◯ use db

✗ **Incorrect**   0/1 Points

43. The order of documents returned by a query is not defined unless you specify a _____ *

○ sortelse()

○ None of the above

○ sort()

◉ sortfind()

✓ **Correct**   1/1 Points

44. Which of the following method returns one document? *

○ findOne1()

○ All of the above

◉ findOne()

○ selectOne()

✕ **Incorrect**   0/1 Points

45. MongoDB stores all documents in _____ *

○ rows

○ cols

○ collections

○ tables

✓ **Correct**   1/1 Points

46. Which of the following operation adds a new document to the users collection? *

○ drop

● insert

○ truncate

○ add

✕ **Incorrect**   0/1 Points

47. Which of the following pipeline is used for aggregation in MongoDB? *

● knowledge processing

○ None of the above

○ data processing

○ information processing

48. _____ is used to determine whether a query is a covered query. *

● explainall()

○ explainstats()

○ All of the above

○ explain()

49. ___ can modify specific fields of an existing document or documents or replace an existing document entirely, depending on the update parameter. *

○ modify()

● update()

○ find()

○ None of the above

50. _____ store the relationships between data by including links or references from one document to another. *

○ External

○ Capped

⊙ References

○ Embedded

51. _____ data models allow applications to store related pieces of information in the same database record. *

○ External

○ None of the above

○ Reference

○ Embedded

52. To interact with embedded documents, use _____ notation to "reach into" embedded documents. *

    ○ colon

    ○ period

    ○ comma

    ● dot

53. AngularJS provides reusable components *

    ○ false

    ● True

54. Choose the correct syntax for writing AngularJS expression. *

(●) {{expression}}

(○) {{{expression}}}

(○) {expression}

(○) [expression]

✕ **Incorrect**   0/1 Points

55. The syntax used to create a module in AngularJS is: *

(○) None of the above

(○) module("app",[])

(○) var myModule=angular();

(●) var myModule=angular.module();

✓ **Correct**   1/1 Points

56. Choose the incorrect AngularJS filter. *

(○) lowercase

○ currency

○ orderby

◉ email

57. Choose the directive which is used to find the values of HTML controls to application data. *

○ ng-hide

◉ ng-init

○ ng-app

○ ng-model

58. Module created by using AngularJS function is known as *

◉ Angular module()

○ mdl()

○ mod()

○ module()

59. Among the following which can be used to write AngularJS directives *

○ class name

◉ Attribute

○ Tag

○ all of the above

60. $routeprovider is a module. *

◉ True

○ False

61. State whether true or false: $https Services used to make an Ajax call to the server. *

◉ True

◯ False

62. The router is a part of which of the following given models? *

◉ @angular/router

◯ @angular/core

◯ Both a & b

◯ None of the above

63. Which of the following statement is correct for AngularJS? *

◯ AngularJS is a SQL framework

○ AngularJS is a Java framework

◉ AngularJS is a JavaScript framework

○ AngularJS is an HTML framework

✕ **Incorrect**   0/1 Points

64. Which of the following syntax is correct for applying multiple filters in AngularJS? *

○ {{ {filter1} | {filter2} | ...-expression}}

◉ {{ expression | {filter1} | {filter2} | ... }}

○ {{ expression - {filter1} - {filter2} - ... }}

○ {{ expression | filter1 | filter2 | ... }}

✓ **Correct**   1/1 Points

65. What will be the output for the following code?

```
<div ng-app="""" ng-init=""points=[1,15,19,2,40]"">
<p>The output is {{ points[2] }}</p>
</div>
```
*

○ The output is 19

○ The output is 1

○ The output is 15

○ The output is 2

✓ **Correct**   1/1 Points

66. What is the use of Angular Controllers in the application? *

● Angular controllers are used for controlling the data

○ None of the above is correct.

○ Both of the above are correct.

○ Angular controllers are used for displaying the data

✓ **Correct**   1/1 Points

67. Which of the following statement specifies the data-binding in AngularJS? *

● Synchronization of data between the model and view components.

○ Synchronization of data between the model and controller components.

○ None of the above

○ Synchronization of data between the controller and view components.

✓ **Correct**   1/1 Points

68. Which of the following community Angular JS belong to? *

◉ Google

○ Twitter

○ Facebook

○ Microsoft

✕ **Incorrect**   0/1 Points

69. Which of the following is true about the currency filter? *

◉ Both A and B

○ A currency filter is a function that takes text as input.

○ None of the above

○ A currency filter is used to format the text in a currency format.

✓ **Correct** 1/1 Points

70. AngularJS applications are a mix of which of the following technologies? *

○ PHP and JavaScript

○ HTML and PHP

● HTML and JavaScript

○ HTML and TypeScript

✓ **Correct** 1/1 Points

71. The [] parameter in the module definition is used to define dependent modules. *

● TRUE

○ FALSE

✓ **Correct** 1/1 Points

72. Angular facilitates developers to write less code and get more functionality. *

○ False

◉ True

✓ **Correct**   1/1 Points

73. Angular supports internationalization? *

○ False

◉ True

✗ **Incorrect**   0/1 Points

74. Which decorator in Angular is used to get data from a parent component? *

○ @GetData

○ @ViewChild

○ @Input

◉ @Output

75. Which module in Angular includes basic directives like @If and @For? *

○ FormsModule

◉ AppModule

○ BrowserModule

○ CommonModule

76. Express.js is written in which of the following language? *

◉ C++

○ Node.js

○ JavaScript

○ Python

77. Which of the following command is used to install Express in the myapp directory? *

○ All of the above

○ $ npm install --express

○ $ npm install --express.js

◉ $ npm install express

✕ **Incorrect** 0/1 Points

78. What does the following do, res.send()? *

○ This method accepts an object as input and returns it to the requesting client

◉ This method specifies what to execute when a get request at the specified route is made

○ None of the above

○ This function binds and waits for connections on the provided host and port

✕ **Incorrect** 0/1 Points

79. Which of the following are the core features of the Express framework? *

○ It defines a routing table that can work as per HTTP Method and URL.

○ It allows us to set up middleware to respond to HTTP Requests.

○ All of the above.

○ It is used to render the HTML pages dynamically.

✓ **Correct**   1/1 Points

80. What is the way to store local variables that can be accessed within the application? *

○ Using app.locals

○ Using database

○ Using app.storage

○ Using Config file

✓ **Correct**   1/1 Points

81. Where are the captured values populated regarding the route parameters? *

○ All of the above

○ req.data

○ app.locals

◉ req.params

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

◉ Using app.routes()

○ Using app.routing()

○ Using app.router()

○ Using app.route()

83. 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));

*

○ Error

○ Zeus

○ undefined

○ sueZ

✓ **Correct**   1/1 Points

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

○ None of the above

◉ True

○ False

○ Insufficient data

✓ **Correct**   1/1 Points

85. Which of the following is the correct statement in the context of Express.js? *

○ Express is a minimal and flexible React.js web application framework.

○ Express is a minimal and flexible Angular.js web application framework.

⦿ Express is a minimal and flexible Node.js web application framework.

○ Express is a minimal and flexible Redux.js web application framework.

✕ **Incorrect**   0/1 Points

86. Which of the following facilitates us to create a skeleton for a web application easily? *

⦿ Debugging

○ Scaffolding

○ APIs

○ Authentication

✓ **Correct**   1/1 Points

87. Which of the following is a middleware that parses cookies attached to the client request object? *

○ cookies

○ cookie

○ None of the above

◉ cookie-parser

✓ **Correct**   1/1 Points

88. Which of the following method requests that the server accept the data enclosed in the request to modify an existing object identified by the URI? *

○ GET

○ DELETE

○ POST

◉ PUT

✕ **Incorrect**   0/1 Points

89. Cookies are the complex, large files/data sent to the server with a client request and stored on the server-side. *

○ False

○ True

90. HTTP is stateless *

○ False

◉ True

91. ___ functions are those that interact with the request and response objects (req, res) during the request-response cycle? *

○ Data binding

○ All of the above

○ Routing

◉ Middleware

92. Which of the following arguments are available in an Express JS route handler function? *

○ res - the response object

○ req - the request object

◉ next

○ All of the above

✕ **Incorrect**   0/1 Points

93. Routing is provided by default in ___ but not provided in ___? *

◉ Node.js and react.js

○ Express.js and node.js

○ Node.js and express.js

○ All of the above

✕ **Incorrect**   0/1 Points

94. Sessions are saved on the ___ side? *

◉ Client

○ Server

95. Which of the following are third-party middleware? *

○ Body-parser

○ Cookie-parser

◉ Mongoose

○ All of the above

96. Which of the following statement is correct? *

◉ js is both Server Side and Client Side Language.

○ None of the above.

○ js is the Client Side Language.

○ js is Server Side Language.

✓ **Correct** 1/1 Points

97. In which language is Node.js written? *

○ JavaScript

○ All of the above

◉ C++

○ C

✓ **Correct** 1/1 Points

98. Which of the following command is used to install the Node.js express module? *

○ $ node install express

○ None of the above

○ $ install express

◉ $ npm install express

✕ **Incorrect** 0/1 Points

99. The Node.js modules can be exposed using: *

○ expose

○ exports

◉ module

○ All of the above

✕ **Incorrect**   0/1 Points

100. What does the process.argv array contain in a Node.js script? *

○ Using include keyword

○ Using require function

○ Using import statement

◉ External modules cannot be used in Node.js

✓ **Correct**   1/1 Points

101. What is the purpose of the Node.js cluster module? *

○ Code splitting

○ Load balancing

○ Cryptographic operations

○ Internationalization

✕ **Incorrect**   0/1 Points

102. What is the role of the V8 engine in Node.js? *

○ It provides networking capabilities

○ It manages event loops

○ It executes JavaScript code

⦿ It handles file I/O operations

Keep the information with you by saving your response.

Save my response

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