

Elective Module 3 Mock Test - 02

Points: 52/90

Time: 17:00

1. Write your Name.

ROSHNI VERMA

2. Choose your location:

- ☐ A. NSTI Calicut
- ☐ B. NSTI Howrah
- ☒ C. NSTI Kolkata
- ☐ D. NSTI Vidyanagar

✓ **Correct** 1/1 Points

3. Which of the following command is used to start a REPL session? *

- ☒ \$ node

- ☐ \$ node start
- ☐ \$ node repl
- ☐ \$ node console

✓ **Correct** 1/1 Points

4. What is Callback? *

- ☐ The callback is a technique in which a method calls back the caller method.
- ☒ The callback is an asynchronous equivalent for a function.
- ☐ Both of the above.
- ☐ None of the above.

✓ **Correct** 1/1 Points

5. Which of the following extension is used to save the Node.js files?

- ☒ .js
- ☐ .node
- ☐ .java
- ☐ .txt

✗ **Incorrect** 0/1 Points

6. The Node.js modules can be exposed using:

- ☒ expose
- ☐ module
- ☐ exports
- ☐ All of the above

✓ **Correct** 1/1 Points

7. Which of the following module is not a built-in node module?

- ☐ zlib
- ☐ https
- ☐ dgram
- ☒ fsread

✓ **Correct** 1/1 Points

8. Which of the following method of fs module is used to get file information?

- ☐ [fs.open](#)(path, flags[, mode], callback)
- ☒ fs.stat(path, callback)
- ☐ fs.readFile(path, flags[, mode], callback)
- ☐ None of the above.

✓ **Correct** 1/1 Points

9. What does the fs module stand for?

- ☐ File Service
- ☒ File System
- ☐ File Store
- ☐ File Sharing

✓ **Correct** 1/1 Points

10. Which of the following method of fs module is used to truncate a file?

- ☐ fs.delete(fd, len, callback)
- ☐ fs.remove(fd, len, callback)
- ☒ fs.ftruncate(fd, len, callback)
- ☐ None of the above.

✗ **Incorrect** 0/1 Points

11. Which of the following template engines can be used with Node.js?

- ☐ Jade
- ☐ Vash
- ☐ Handlebars

☒ All of the above

✓ **Correct** 1/1 Points

12. Which of the following method is used to return the current working directory of the process?

☒ process.cwd();

☐ cwd();

☐ pwd();

☐ None of the above.

✓ **Correct** 1/1 Points

13. Which of the following statement defines Express?

☐ Express is an application framework that provides a robust set of features to develop desktop-based applications.

☒ Express is a minimal and flexible Node.js web application framework that provides a robust set of features to develop web and mobile applications.

☐ Both of the above.

☐ None of the above.

✓ **Correct** 1/1 Points

14. Which of the following is not a benefit of using modules in Express?

☐ It provides a means of dividing up tasks.

- ☐ It provides a means of reuse of program code.
- ☒ It provides a means of reducing the size of the program.
- ☐ It provides a means of testing individual parts of the program.

✗ **Incorrect** 0/1 Points

15. What is the best practice to do in your code to improve the performance of your application?

- ☐ Using gzip compression.
- ☐ Don't use synchronous functions.
- ☐ Do logging correctly.
- ☒ Handle exceptions properly.

✓ **Correct** 1/1 Points

16. What is the default scope in the Node.js application?

- ☐ Global
- ☒ Local
- ☐ Global Function
- ☐ Local to object

✓ **Correct** 1/1 Points

17. Which of the following engine Node in core?

- ☒ Chrome V8
- ☐ Microsoft Chakra
- ☐ SpiderMonkey
- ☐ Node En

✓ **Correct** 1/1 Points

18. Which of the following statement is used to execute the code of the sample.js file?

- ☐ sample.js
- ☒ node sample.js
- ☐ nodejs sample.js
- ☐ None of the above.

✗ **Incorrect** 0/1 Points

19. Which of the following is not a valid language for Node.js?

- ☐ JavaScript
- ☐ Java
- ☒ C
- ☐ C++

✗ **Incorrect** 0/1 Points

20. Which of the following shortcut command is used to kill a process in Node.js?

- ☐ Ctrl + B
- ☒ Ctrl + K
- ☐ Ctrl + T
- ☐ Ctrl + C

✗ **Incorrect** 0/1 Points

21. How many Node object methods are available?

- ☐ 21
- ☐ 18
- ☒ 19
- ☐ 20

✗ **Incorrect** 0/1 Points

22. What is the main usage of Node.js terminal (REPL)?

- ☒ To specify the preview of the Node.js application.
- ☐ For testing Node.js/JavaScript expressions.
- ☐ For executing browser's JavaScript expressions.

☐ None of the above.

✗ **Incorrect** 0/1 Points

23. Which of the following types of applications can be built using Node.js?

☐ Web Application

☐ Chat Application

☒ RESTful Service

☐ All of the above

✗ **Incorrect** 0/1 Points

24. Which of the following is used to test if two nodes are equal?

☐ ==

☒ equal()

☐ isEqualNode()

☐ None of the above.

✗ **Incorrect** 0/1 Points

25. Which of the following tool is used to automate the various tasks of the Node.js application? *

☒ Express.js

☐ GruntJS

- ☐ NPM
- ☐ None of the above

✗ **Incorrect** 0/1 Points

26. Which of the following areas, Node.js, is not advised to be used?

- ☒ Single Page Applications
- ☐ JSON APIs based Applications
- ☐ CPU intensive applications
- ☐ Data-Intensive Real-time Applications (DIRT)

✗ **Incorrect** 0/1 Points

27. Which of the following route parameter formats are valid? *

- ☐ /books/!:from-:to
- ☐ /flights/:from-:to
- ☒ /users/:userId/books/:bookId
- ☐ None of the above.

✓ **Correct** 1/1 Points

28. Which of the following module is required to create a web server? *

- ☐ net module

- ☐ http module
- ☐ net module
- ☒ url module

✓ **Correct** 1/1 Points

29. Which of the following is the correct syntax to initiate the Node.js File? *

- ☐ filename.js
- ☐ javascript filename.js
- ☒ node filename.js
- ☐ node filename

✓ **Correct** 1/1 Points

30. Which of the following method is used to compare the placement of two nodes in the DOM hierarchy (document)? *

- ☐ cloneNode()
- ☒ compareDocumentPosition()
- ☐ getFeature()
- ☐ getUserData()

✓ **Correct** 1/1 Points

31. Which of the following platforms does Node.js support? *

- ☐ Windows
- ☐ Macintosh
- ☐ Unix/Linux
- ☒ All of the above.

✗ **Incorrect** 0/1 Points

32. Which of the following keyword is used to make properties and methods available outside the module file?

- ☐ import
- ☒ module
- ☐ exports
- ☐ require

✗ **Incorrect** 0/1 Points

33. Which of the following Node.js object property is used to return the node immediately before a node? *

- ☒ localName
- ☐ index

☐ previousSibling

☐ textContent

✓ **Correct** 1/1 Points

34. Which of the following method can append specified content to a file?

☒ fs.appendFile()

☐ [fs.open\(\)](#)

☐ fs.writeFile()

☐ None of the above.

✗ **Incorrect** 0/1 Points

35. Which of the following is a GUI-based debugging tool for Node.js? *

☒ Core node debugger

☐ Console

☐ REPL

☐ Node Inspector

✗ **Incorrect** 0/1 Points

36. What is the use of underscore variable in REPL session in Node.js? *

☐ It is used to store the result.

- ☒ It is used to get the last command used.
- ☐ It is used to get the last result.
- ☐ None of the above.

✓ **Correct** 1/1 Points

37. The buffer class is a global class that can be accessed without importing a buffer module.

- ☒ True
- ☐ False

✗ **Incorrect** 0/1 Points

38. Is Node.js multithreaded?

- ☒ Yes
- ☐ No

✓ **Correct** 1/1 Points

39. Is the process a global object and can be accessed from anywhere?

- ☒ True
- ☐ False

✓ **Correct** 1/1 Points

40. Node.js uses an event-driven, non-blocking I/O model. Is it true? *

☒ True

☐ False

✗ **Incorrect** 0/1 Points

41. The `net.isIP(input)` returns 0 for invalid input. Is it true? *

☐ True

☒ False

✓ **Correct** 1/1 Points

42. A stream fires finish event when all data has been flushed to the underlying system. Is it true?

☒ True

☐ False

✓ **Correct** 1/1 Points

43. A stream fires data event when there is data available to read. Is it true?

☒ True

☐ False

✓ **Correct** 1/1 Points

44. Who is credited as the developer of Express.js? *

- ☐ Larry wall
- ☐ Rich Hickey
- ☒ TJ Holowaychuk
- ☐ Rob Pike

✗ **Incorrect** 0/1 Points

45. In which of the following year was Express.js initially released? *

- ☐ November 2010
- ☐ November 2011
- ☒ December 2010
- ☐ December 2011

✗ **Incorrect** 0/1 Points

46. In combination with a request method, root paths define the endpoints at which requests can be made. Which of the following are valid forms of route path? *

- ☐ strings
- ☐ string patterns

☒ regular expressions

☐ All of the above is the correct option. All of the above are valid forms of the route path.

✗ **Incorrect** 0/1 Points

47. Which of the following function arguments are available to Express.js Route handlers? *

☐ req - the request object

☐ res - the response object

☒ next

☐ All of the above

✓ **Correct** 1/1 Points

48. Which of the following is the Scaffolding in Express.js? *

☐ Yeoman

☐ Express application generator

☐ Handler functions

☒ Both A & B

✗ **Incorrect** 0/1 Points

49. Which of the following is a middleware in Express.js?

- ☒ `function(req){ }`
- ☐ `method(req){ }`
- ☐ `function(req,res,next){ }`
- ☐ `method(req,res,next){ }`

✗ **Incorrect** 0/1 Points

50. Which of the following is the correct syntax to use Express.js in Node?

- ☒ `var = require('express')();`
- ☐ `var_require('express')();`
- ☐ `var app = require('express')();`
- ☐ None of the above.

✓ **Correct** 1/1 Points

51. What is the meaning of templating in Express.js?

- ☐ Pug
- ☐ EJS
- ☐ Mustache
- ☒ All of the above.

✓ **Correct** 1/1 Points

52. To use Mongo with Express.js, we need a client API for node.

- ☒ TRUE
- ☐ FALSE
- ☐ Can be true or false
- ☐ Cannot say

✓ **Correct** 1/1 Points

53. The method of using values is called?

- ☐ filters
- ☒ interpolation
- ☐ inheritance
- ☐ includes

✓ **Correct** 1/1 Points

54. Which of the following command is used to check the current version of NPM? ADVERTISEMENT

- ☐ npm --ver
- ☒ npm --version
- ☐ npm help

☐ None of the above.

✗ **Incorrect** 0/1 Points

55. In Express.js, the method `app.all(path, callback [, callback ...])` is:

- ☐ True
- ☒ False
- ☐ Cannot say

✗ **Incorrect** 0/1 Points

56. Which of the following statement is correct in the case of backlog arguments?

- ☐ A port number on which the server should accept incoming requests.
- ☐ The backlog argument is the name of the domain.
- ☐ The maximum number of queued pending connections.
- ☒ An asynchronous function is called when the server starts listening for requests.

✗ **Incorrect** 0/1 Points

57. Which of the following was the earlier name of the Pug?

- ☐ Terse
- ☐ DRY
- ☒ Express

☐ Jade

✓ **Correct** 1/1 Points

58. Which of the following function is used to specify what to do when a get request at the given route is called?

☒ app.get(route, callback)

☐ get(route, callback)

☐ js.get(route, callback)

☐ fun.get(route, callback)

✓ **Correct** 1/1 Points

59. Where are the captured values populated regarding route parameters?

☐ app.locals object

☐ [req.data](#) object

☒ req.params object

☐ None of the above.

✓ **Correct** 1/1 Points

60. Which of the following statement is correct for AngularJS?

- ☐ AngularJS is an HTML framework
- ☐ AngularJS is a Java framework
- ☒ AngularJS is a JavaScript framework
- ☐ AngularJS is a SQL framework

✓ **Correct** 1/1 Points

61. On which of the Architectural pattern AngularJS is based?

- ☐ Observer Pattern
- ☐ Decorator pattern
- ☒ MVC Architecture pattern
- ☐ MVVM Architectural pattern

✓ **Correct** 1/1 Points

62. AngularJS is perfect for?

- ☒ SPAs
- ☐ MPAs
- ☐ DPAs
- ☐ CPAs

✓ **Correct** 1/1 Points

63. Which of the following is the correct syntax for writing AngularJS expressions?

- ☐ (expression)
- ☒ {{expression}}
- ☐ {{{expression}}}
- ☐ [expression]

✓ **Correct** 1/1 Points

64. Do AngularJS provide reusable components?

- ☒ Yes
- ☐ No

✗ **Incorrect** 0/1 Points

65. Which of the following directive is used to bind the application data to the HTML view in AngularJS?

- ☐ ng-app directive
- ☒ ng-model directive
- ☐ ng-bind directive
- ☐ ng-init directive

✓ **Correct** 1/1 Points

66. Which of the following statement is true about the lowercase filter?

- ☒ The lowercase filter converts a text to lower case text.
- ☐ The lowercase filter is a function that takes text as input.
- ☐ Both of the above.
- ☐ None of the above.

✓ **Correct** 1/1 Points

67. Which of the following is an advantage of AngularJS?

- ☐ AngularJS code is unit testable.
- ☐ AngularJS provides reusable components.
- ☐ AngularJS uses dependency injection and makes use of separation of concerns.
- ☒ All of the above

✓ **Correct** 1/1 Points

68. Which of the following statement is true about \$dirty flag?

- ☒ \$dirty flag is used to state that value has been changed.
- ☐ \$dirty flag is used to state that the form has invalid data.
- ☐ Both of the above.

☐ None of the above.

✗ **Incorrect** 0/1 Points

69. Which of the following syntax is used to create a module in AngularJS?

☐ var myModule= angular.module();

☒ var myModule= new Module();

☐ module("app", []);

☐ None of the above

✗ **Incorrect** 0/1 Points

70. Which of the following is used to share data between controller and view in AngularJS?

☐ using Model

☐ using services

☐ using factory

☒ using \$scope

✓ **Correct** 1/1 Points

71. Which of the following is not a valid AngularJS filter?

☐ lowercase

☐ orderby

☒ email

☐ currency

✓ **Correct** 1/1 Points

72. Who is known as the father of AngularJS?

☐ Brad Green

☒ Misko Hevery

☐ Adam Abrons

☐ Mike Adams

✗ **Incorrect** 0/1 Points

73. Which of the following directive is used to bind the value of HTML controls to application data?

☒ ng-app

☐ ng-init

☐ ng-model

☐ ng-hide

✓ **Correct** 1/1 Points

74. Is AngularJS completely based on HTML and JavaScript?

☒ Yes

☐ No

✓ **Correct** 1/1 Points

75. A module created by using the AngularJS function is called?

- ☐ module()
- ☐ mod()
- ☒ angular module()

✗ **Incorrect** 0/1 Points

76. Which of the following types of the component can be used to create a custom directive?

- ☒ Element directives
- ☐ Attribute
- ☐ CSS
- ☐ All of the above.

✗ **Incorrect** 0/1 Points

77. How many \$RootScope an AngularJS application can have?

- ☐ Zero
- ☐ One

- ☒ Two
- ☐ Infinity

✗ **Incorrect** 0/1 Points

78. Which of the following statement is true in the case of a controller in MVC?

- ☒ A controller is a software code that controls the interactions between the Model and View.
- ☐ A controller is a software code that stores the data.
- ☐ A controller is a software code that renders the user interface.
- ☐ All of the above.

✓ **Correct** 1/1 Points

79. Which of the following components can be injected as a dependency in AngularJS?

- ☐ Value
- ☐ Factory
- ☐ Constant
- ☒ Application Module

✓ **Correct** 1/1 Points

80. What is deep linking in AngularJS?

- ☐ Deep linking is an SEO-based technique.

- ☐ Deep linking refers to linking various views to the main page.
- ☒ Deep linking allows you to encode the state of an application in the URL so that it can be bookmarked.
- ☐ All of the Above

✓ **Correct** 1/1 Points

81. Which of the following template can be used to write AngularJS directives?

- ☐ Tag
- ☐ Attribute
- ☐ Class name
- ☒ All of the above

✓ **Correct** 1/1 Points

82. Which of the following statement is true in the case of \$routeProvider?

- ☒ It is a service.
- ☐ It is a module.
- ☐ It is a component.
- ☐ None of the above.

✗ **Incorrect** 0/1 Points

83. Which of the following statement justify the working of AngularJS?

- ☐ module is primarily used to create application modules.
- ☒ module is used to create AngularJS modules along with its dependent modules.
- ☐ Both A and B
- ☐ None of the above

✓ **Correct** 1/1 Points

84. In AngularJS, the \$http service is used to make an Ajax call to the server.

- ☒ True
- ☐ False

✗ **Incorrect** 0/1 Points

85. AngularJS facilitates developers to write less code and get more functionality.

- ☐ True
- ☒ False

✓ **Correct** 1/1 Points

86. While using the factory method, we must first define a factory and then assign a method to it.

- ☒ True
- ☐ False

✓ **Correct** 1/1 Points

87. OrderBy filter is applied to an expression using pipe character.

☒ True

☐ False

📝 **Will be reviewed**

88. AngularJS application expressions are pure JavaScript expressions.

☒ True

☐ False

✓ **Correct** 1/1 Points

89. AngularJS support two-way data binding.

☒ True

☐ False

✓ **Correct** 1/1 Points

90. AngularJS supports internationalization?

☒ True

☐ False

 **Will be reviewed**

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

☒ TRUE

☐ FALSE

✗ Incorrect 0/1 Points

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

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

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

☐ Both A and B

☐ None of the above

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