

web programing technologies mock test-3

Total points 19/20 ?

Nodejs

Email *

rkg16697@gmail.com

Name *

Rishikesh Gupta

Roll No *

1168

✓ 1) Syntax to Initiate the Node.js File is? *

1/1

- ☐ A. filename.js
- ☐ B. javascript filename.js
- ☒ C. node filename.js
- ☐ D. node filename



✓ 2) Which keyword is used to make properties and methods available outside the module file? *

1/1

- ☐ A. import
- ☐ B. module
- ☒ C. exports
- ☐ D. require



✓ 3) Which method appends specified content to a file. *

1/1

- ☒ A. fs.appendFile()
- ☐ B. fs.open()
- ☐ C. fs.writeFile()
- ☐ D. None of the above



✓ 4) which of the following areas, Node.js is not advised to be used? *

1/1

- ☐ A. Single Page Applications
- ☐ B. JSON APIs based Applications
- ☒ C. CPU intensive applications
- ☐ D. Data Intensive Realtime Applications (DIRT)



✓ 5)The URL module splits up a web address into readable parts. * 1/1

- ☒ A. TRUE
- ☐ B. FALSE
- ☐ C. Can be true or false
- ☐ D. Can not say



✓ 6)Express is a minimal and flexible _____ web application framework. * 1/1

- ☒ A. Node.js
- ☐ B. React.js
- ☐ C. Redux.js
- ☐ D. Angular.js



✓ 7)Express.js, or simply Express, is a _____ web application framework 1/1
for Node.js *

- ☐ A. Front-end
- ☒ B. Back-end
- ☐ C. Database
- ☐ D. None of the above



✓ 8) Pug earlier known as ? *

1/1

- ☐ A. Terse
- ☐ B. DRY
- ☐ C. Express
- ☒ D. Jade



✓ 9) backlog arguments defines as? *

1/1

- ☐ A. A port number on which the server should accept incoming requests.
- ☐ B. Name of the domain
- ☒ C. The maximum number of queued pending connections
- ☐ D. An asynchronous function that is called when the server starts listening for requests.



✓ 10) Which method requests that the server accept the data enclosed in the request as a modification to existing object identified by the URI? *

1/1

- ☐ A. GET
- ☐ B. DELETE
- ☒ C. PUT
- ☐ D. POST



✓ 11) This method of using values is called ? *

1/1

- ☐ A. filters
- ☒ B. interpolation
- ☐ C. inheritance
- ☐ D. includes



✓ 12) What are core features of Express framework? *

1/1

- ☐ A. Allows to set up middlewares to respond to HTTP Requests
- ☐ B. Defines a routing table which can works as per HTTP Method and URL
- ☐ C. Dynamically render HTML Pages
- ☒ D. All of the above



✓ 13) _____ is a middleware which parses cookies attached to the client request object. *

1/1

- ☐ A. cookie
- ☐ B. req.cookies
- ☒ C. cookie-parser
- ☐ D. None of the above



✓ 14) _____ allows us to easily create a skeleton for a web application * 1/1

- ☐ A. Authentication
- ☐ B. APIs
- ☐ C. Debugging
- ☒ D. Scaffolding



✓ 15) In order to use Mongo with Express, we need a client API for node. * 1/1

- ☒ A. TRUE
- ☐ B. FALSE
- ☐ C. Can be true or false
- ☐ D. Can not say



✓ 16) How can we create instance of http module ? * 1/1

- ☒ A. `var http = require("http");`
- ☐ B. `var http = new require("http");`
- ☐ C. `var http = new http();`
- ☐ D. None of the above



✓ 17)How many Node object methods are available? *

1/1

- ☒ A. 18
- ☐ B. 19
- ☐ C. 20
- ☐ D. 21



✓ 18)Which of the following core module is used to create a web server in Node.js? *

1/1

- ☐ A. fs
- ☐ B. urlwrong
- ☐ C. connect
- ☒ D. http



✗ 19)Which of the following code can create a web server ? *

0/1

- ☐ A. http.createServer(callback)
- ☐ B. http.createWebServer(callback)
- ☐ C. http.createHTTPServer(callback)
- ☒ D. None of the above



✓ 20) Which method is used to compare the placement of two nodes in the DOM hierarchy (document)? *

☒ A. compareDocumentPosition()



☐ B. cloneNode()wrong

☐ C. getUserData()

☐ D. getFeature()

This content is neither created nor endorsed by Google. - [Terms of Service](#) - [Privacy Policy](#)

Google Forms



Web Programming Technologies (AJAX)

Total points 20/20 ?

Email *

rkg16697@gmail.com

Enter your Roll No: *

1168

Enter Your Name: *

Rishikesh Gupta

✓ Q1)What makes Ajax unique?

1/1

- ☐ A. It works as a stand-alone Web-development tool.
- ☐ B. It works the same with all Web browsers.
- ☐ C. It uses C++ as its programming language.
- ☒ D. It makes data requests asynchronously.



✓ Q2)_____ Of the following technologies, which one provides the ability to dynamically interact with Web page layout? 1/1

- ☐ A. JavaScript.
- ☐ B. XML.
- ☒ C. Document Object Model. ✓
- ☐ D. HTML

✓ Q3) Regarding the XMLHttpRequest Object, does the order in which one calls the "open" method and assign a function to the "onreadystatechange" event handler matter? 1/1

- ☐ A. Yes
- ☒ B. No ✓

✓ Q4) Assuming that "xmlhttp" is a user-defined variable that carries the Ajax requesting object, xmlhttp.status can carry a value of 4 after a successful request. 1/1

- ☐ A. True
- ☒ B. False ✓



✓ Q5) Which Web browser is the least optimized for Microsoft's version of 1/1
AJAX?

- ☐ A. Firefox
- ☐ B. Opera
- ☒ C. Safari
- ☐ D. Internet Explorer



✓ Q6) Which one of these technologies is NOT used in AJAX? 1/1

- ☐ A. CSS
- ☐ B. DOM
- ☐ C. DHTML
- ☒ D. Flash



✓ Q7) What does the tag do? 1/1

- ☒ A. Enclose text to be displayed by non-JavaScript browsers.
- ☐ B. Prevents scripts on the page from executing.
- ☐ C. Describes certain low-budget movies.
- ☐ D. None of the above



✓ Q8) When a user views a page containing a JavaScript program, which machine actually executes the script? 1/1

- ☒ A. The User's machine running a Web browser
- ☐ B. The Web server
- ☐ C. A central machine deep within Netscape's corporate offices
- ☐ D. None of the above



✓ Q9) What are the characteristics of Ajax? 1/1

- ☐ A. Declarative instantiation of client components
- ☐ B. Live data binding
- ☐ C. Client-side template rendering
- ☒ D. All of the above



✓ Q10) what is the ajax? 1/1

- ☐ A. ajax
- ☐ B. part code
- ☐ C. lavel
- ☒ D. opensource



✓ Q11) Which of the following sever support AJAX ?

1/1

- ☐ A. WWW
- ☐ B. SMTP
- ☐ C. HTTP
- ☒ D. None of these



✓ Q12) Which of the following makes Ajax unique?

1/1

- ☐ A. It uses C++ as its programming language.
- ☐ B. It works as a stand-alone Web-development tool.
- ☐ C. It works the same with all Web browsers.
- ☒ D. It makes data requests asynchronously.



✓ Q13) Which interface you will use wrap an AJAX client control into a custom server control?

1/1

- ☐ A. IScriptControl
- ☐ B. IScriptAJAX
- ☒ C. IScriptManager
- ☐ D. None of these



✓ Q14)_____ JavaScript is also called client-side JavaScript. 1/1

- ☐ A. Native
- ☐ B. Microsoft
- ☒ C. LiveWire
- ☐ D. Navigator



✓ Q15) Which methods are used to send a request to a server? 1/1

- ☒ A. open() and send()
- ☐ B. open() and close()
- ☐ C. send() and back()
- ☐ D. None of the above



✓ Q16) AJAX allows web page to dynamically 1/1

- ☐ A. Control other pages
- ☒ B. Change content
- ☐ C. Reload at times
- ☐ D. Connect to other addresses



✓ Q17)How can you test the Ajax code?

1/1

- ☐ A. JSU
- ☒ B. JUnit
- ☐ C. AjaxJSU
- ☐ D. JUnitAjax



✓ Q18)The jQuery AJAX methods .get(), .post(), and .ajax() all require which 1/1 parameter to be supplied?

- ☐ A. method
- ☒ B. url
- ☐ C. data
- ☐ D. headers



✓ Q19)Which property is used to control the duration of Ajax request.

1/1

- ☒ A. AsyncPostBackTimeout
- ☐ B. AsyncTimeout
- ☐ C. Timeout
- ☐ D. PostBackTimeout



✓ Q20)AJAX Stands for:

1/1

- ☒ A. Asynchronous Javascript and XML
- ☐ B. Abstract JSON and XML
- ☐ C. Another Java Abstraction for X-Windows
- ☐ D. Another Java and XML Library



This content is neither created nor endorsed by Google. - [Terms of Service](#) - [Privacy Policy](#).

Google Forms



Web Programming Technologies 1(NodeJs)

Total points 20/20 ?

Email *

rkg16697@gmail.com

Enter Roll No: *

1168

Enter Your Name:

Rishikesh Gupta

✓ Q1)All APIs of Node.JS are.

1/1

- ☒ a. Asynchronous
- ☐ b. Synchronous
- ☐ c. Both of the above
- ☐ d. None of the above



✓ Q2) Why code written in Node.JS is pretty fast although being written in JavaScript? 1/1

- ☐ a. Node.JS internally converts JavaScript code to Java based code and then execute the same.
- ☐ b. Node.JS internally converts JavaScript code to C based code and then execute the same.
- ☒ c. Being built on Google Chrome's V8 JavaScript Engine. ✓
- ☐ d. None of the above.

✓ Q3) In which of the following areas, Node.js is perfect to use? 1/1

- ☐ a. I/O bound Applications
- ☐ b. Data Streaming Applications
- ☐ c. Data Intensive Realtime Applications DIRT
- ☒ d. All of the above. ✓

✓ Q4) In which of the following areas, Node.js is not advised to be used? 1/1

- ☐ a. Single Page Applications
- ☐ b. JSON APIs based Applications
- ☒ c. CPU intensive applications ✓
- ☐ d. Data Intensive Realtime Applications DIRT



✓ Q5) Which of the following is true about EventEmitter.emit property? 1/1

- ☐ a. emit property is used to locate an event handler.
- ☐ b. emit property is used to bind a function with the event.
- ☒ c. emit property is used to fire an event. ✓
- ☐ d. None of the above.

✓ Q6) By default, npm installs any dependency in the local mode. 1/1

- ☒ a. true ✓
- ☐ b. false

✓ Q7) Which of the following command will show version of Node? 1/1

- ☐ a. \$ npm -version
- ☒ b. \$ node -version ✓
- ☐ c. \$ npm getVersion
- ☐ d. \$ node getVersion



✓ Q8) Which of the following command will show all the modules installed globally? 1/1

- ☒ a. \$ npm ls -g
- ☐ b. \$ npm ls
- ☐ c. \$ node ls -g
- ☐ d. \$ node ls



✓ Q9) Which of the following is true about package.json? 1/1

- ☐ a. package.json is present in the root directory of any Node application/module.
- ☐ b. package.json is used to define the properties of a package.
- ☐ c. package.json can be used to update dependencies of a Node application.
- ☒ d. All of the above.



✓ Q10) What is Callback? 1/1

- ☒ a. Callback is an asynchronous equivalent for a function.
- ☐ b. Call-back is a technique in which a method call back the caller method.
- ☐ c. Both of the above.
- ☐ d. None of the above.



✓ Q11) Which of the following is true with respect to Node.

1/1

- ☐ a. Every API of Node js are asynchronous.
- ☒ b. Node being a single thread, and uses async function calls to maintain the concurrency. ✓
- ☐ c. Node thread keeps an event loop and whenever any task get completed, it fires the corresponding event which signals the event listener function to get executed.
- ☐ d. All of the above.

✓ Q12) The Node.js modules can be exposed using

1/1

- ☐ A. module.expose
- ☐ B. module
- ☒ C. module.exports ✓
- ☐ D. All of the above

✓ Q13) Which module is used to serve static resources in Node.js?

1/1

- ☒ A. node-static ✓
- ☐ B. http
- ☐ C. node-resource
- ☐ D. static



✓ Q14)What should you do in your code to improve your application's performance? 1/1

- ☒ A. Use gzip compression
- ☐ B. Don't use synchronous functions
- ☐ C. Do logging correctly
- ☐ D. Handle exceptions properly



✓ Q15)Which of the following tool automates various tasks of Node.js application? 1/1

- ☐ A. Express.js
- ☒ B. GruntJS
- ☐ C. NPM
- ☐ D. None of the above



✓ Q16) Which of the following class is used to create and consume custom events in Node.js? 1/1

- ☒ A. EventEmitter
- ☐ B. Events
- ☐ C. NodeEvent
- ☐ D. None of the above



✓ Q17)How can we create instance of http module?

1/1

- ☒ A. var http = require("http")
- ☐ B. var http = new require("http")
- ☐ C. var http = new http()
- ☐ D. None of the above



✓ Q18)Node.js supports which of the following platform?

1/1

- ☐ A. Windows
- ☐ B. Macintosh
- ☐ C. Unix/Linux
- ☒ D. All of the above



✓ Q19) In Nodejs what is use of underscore variable in REPL session?

1/1

- ☐ A. to store the result
- ☐ B. to get the last command used
- ☐ C. None of the above
- ☒ D. to get the last result



✓ Q20)Which statement is valid in using a Node module fs in a Node based 1/1 application?

- ☒ A. var fs = import("fs")
- ☐ B. import fs
- ☐ C. package fs
- ☐ D. var fs = require("fs")



Untitled Title

This content is neither created nor endorsed by Google. - [Terms of Service](#) - [Privacy Policy](#)

Google Forms



Web Programming Technologies 3(JAVASCRIPT)

Total points 20/20 ?

Email *

rkg16697@gmail.com

Enter Roll No: *

1167

Enter Your Name: *

Rishikesh Gupta

✓ Q1) Which of the following is an advantage of using JavaScript?

1/1

- ☐ a. Less server interaction
- ☐ b. Immediate feedback to the visitors
- ☐ b. Increased interactivity
- ☒ d. All of the above.



✓ Q2)Which of the following is true about type of operator in JavaScript? 1/1

- ☐ a. The type of is a unary operator that is placed before its single operand, which can be of any type.
- ☐ b. Its value is a string indicating the data type of the operand.
- ☒ c. Both of the above. ✓
- ☐ d. None of the above.

✓ Q3)Which of the following is the correct syntax to create a cookie using JavaScript? 1/1

- ☒ a. document.cookie = 'key1 = value1; key2 = value2; expires = date'; ✓
- ☐ b. browser.cookie = 'key1 = value1; key2 = value2; expires = date';
- ☐ c. window.cookie = 'key1 = value1; key2 = value2; expires = date';
- ☐ d. navigator.cookie = 'key1 = value1; key2 = value2; expires = date';

✓ Q4)Can you assign a anonymous function to a variable? 1/1

- ☒ True ✓
- ☐ False



✓ Q5) Which of the following is correct about call backs?

1/1

- ☐ a. A call back is a plain JavaScript function passed to some method as an argument or option.
- ☐ b. Some call backs are just events, called to give the user a chance to react when a certain state is triggered.
- ☒ c. Both of the above. ✓
- ☐ d. None of the above.

✓ Q6). Which built-in method returns the index within the calling String object of the first occurrence of the specified value?

1/1

- ☐ a. getIndex
- ☐ b. location
- ☒ c. indexOf ✓
- ☐ d. None of the above.

✓ Q7)Which of the following code creates an object?

1/1

- ☐ a. var book = Object;
- ☒ b. var book = new Object; ✓
- ☐ c. var book = new OBJECT;
- ☐ d. var book = new Book;



✓ Q8) Which of the following function of Number object formats a number 1/1
with a specific number of digits to the right of the decimal?

- ☐ a. toExponential
- ☒ b. toFixed
- ☐ c. toPrecision
- ☐ d. toLocaleString



✓ Q9) Which of the following function of String object returns a number 1/1
indicating the Unicode value of the character at the given index?

- ☐ a. charAt
- ☒ b. charCodeAt
- ☐ c. concat
- ☐ d. indexOf



✓ Q10) Which of the following function of String object returns a number 1/1
indicating whether a reference string comes before or after or is the
same as the given string in sort order?

- ☒ a. localeCompare
- ☐ b. search
- ☐ c. substr
- ☐ d. concat



✓ Q11) Which of the following function of String object extracts a section of 1/1 a string and returns a new string?

- ☒ a. slice
- ☐ b. split
- ☐ c. replace
- ☐ d. search



✓ Q12) Which of the following function of Array object creates a new array 1/1 with the results of calling a provided function on every element in this array?

- ☐ a. push
- ☐ b. join
- ☐ c. pop
- ☒ d. map



✓ Q13) When interpreter encounters an empty statements, what it will do: 1/1

- ☐ Shows a warning
- ☐ Prompts to complete the statement
- ☐ Throws an error
- ☒ Ignores the statements



✓ Q14) In the following given syntax of the switch statement, the Expression 1/1 is compared with the labels using which one of the following operators?
switch(expression) { statements }

- ☒ ===
- ☐ equals
- ☐ ==
- ☐ Option 4



✓ Q15) Which one of the following is the correct way for calling the JavaScript code?

1/1

- ☐ Preprocessor
- ☐ Triggering Event
- ☐ RMI
- ☒ Function/Method



✓ Q16) Which of the following type of a variable is volatile?

1/1

- ☒ Mutable variable
- ☐ Dynamic variable
- ☐ Volatile variable
- ☐ Immutable variable



✓ Q17)When there is an indefinite or an infinite value during an arithmetic computation in a program, then JavaScript prints____. 1/1

- ☐ Prints an exception error
- ☐ Prints an overflow error
- ☒ Displays "Infinity" ✓
- ☐ Prints the value as such

✓ Q18)Choose the correct snippet from the following to check if the variable "a" is not equal the "NULL": 1/1

- ☒ if(a!==null) ✓
- ☐ if (a!)
- ☐ if(a!null)
- ☐ if(a!=null)

✓ Q19)Suppose we have a text "human" that we want to convert into string without using the "new" operator. Which is the correct way from the following to do so: 1/1

- ☐ toString()
- ☐ String(human)
- ☐ String newvariable="human"
- ☒ Both human.toString() and String(human) ✓



✓ Q20) Which of the following one is the property of the primary expression:

1/1

- ☐ Contains only keywords
- ☐ basic expressions containing all necessary functions
- ☐ contains variable references alone
- ☒ stand-alone expressions



This content is neither created nor endorsed by Google. - [Terms of Service](#) - [Privacy Policy](#)

Google Forms



Web Programming Technologies 5(EXPRESS JS)

Total points 20/20 ?

Email *

rkg16697@gmail.com

Enter Roll No: *

1168

Enter Your Name: *

Rishikesh Gupta

✓ Q1) Express.js, or simply Express, is a _____ web application framework for Node.js

1/1

- ☐ A. Front-end
- ☒ B. Back-end
- ☐ C. Database
- ☐ D. None of the above



✓ Q2)backlog arguments defines as?

1/1

- ☐ A. A port number on which the server should accept incoming requests.
- ☐ B. Name of the domain
- ☒ C. The maximum number of queued pending connections ✓
- ☐ D. An asynchronous function that is called when the server starts listening for requests.

✓ Q3)Which method requests that the server accept the data enclosed in the request as a modification to existing object identified by the URI? 1/1

- ☐ A. GET
- ☐ B. DELETE
- ☒ C. PUT ✓
- ☐ D. POST

✓ Q4)What are core features of Express framework?

1/1

- ☐ A. Allows to set up middlewares to respond to HTTP Requests
- ☐ B. Defines a routing table which can works as per HTTP Method and URL
- ☐ C. Statistically render HTML Pages
- ☒ D. only A and B ✓
- ☐ E. All of the above



✓ Q5) _____ is a middleware which parses cookies attached to the client request object. 1/1

- ☐ A. cookie
- ☐ B. req.cookies
- ☒ C. cookie-parser ✓
- ☐ D. None of the above

✓ Q6) _____ allows us to easily create a skeleton for a web application 1/1

- ☐ A. Authentication
- ☐ B. APIs
- ☐ C. Debugging
- ☒ D. Scaffolding ✓

✓ Q7)How to use express js in node? 1/1

- ☐ A. var = require('express')();
- ☐ B.var_require('express')();
- ☒ C.var app = require('express')(); ✓
- ☐ D.None of them



✓ Q8)Define templating in ExpressJs ?

1/1

- ☐ A. Pug
- ☐ B.EJS
- ☐ C.Mustache
- ☒ D.All of the above



✓ Q9)What is middleware in ExpressJs ?

1/1

- ☐ A. function(req){ }
- ☐ B.method(req){ }
- ☒ C.function(req,res,next){ }
- ☐ D.method(req,res,next){ }



✓ Q10)How can we create chainable route handlers for a route path in ExpressJs ?

1/1

- ☒ A. Using app.route()
- ☐ B.Using app.routes()
- ☐ C.Using app.router()
- ☐ D.Using app.routing()



✓ Q11)Where is captured values are populated regarding route parameters 1/1
are:

- ☐ A. req.data
- ☐ B.app.locals
- ☒ C.req.params
- ☐ D.Both A & B



✓ Q12)What function arguments are available to Express.js Route handlers? 1/1

- ☐ A. req - the request object
- ☐ B. res - the response object
- ☐ C. next
- ☒ D. All of the above



✓ Q13) In ExpressJS, the method app.all(path, callback [, callback ...]) can 1/1
accept all HTTP methods

- ☒ A. True
- ☐ B. False
- ☐ C. Insufficient data
- ☐ D. None



✓ Q14)How can we create instance of http module ?

1/1

- ☒ A. var http = require("http");
- ☐ B. var http = new require("http");
- ☐ C. var http = new http();
- ☐ D. None of the above



✓ Q15) The \$ npm ls -g statement is used to list down all the locally installed module?

1/1

- ☐ A. True
- ☒ B. False



✓ Q16)package.json is is used to define the properties of a package?

1/1

- ☒ A. True
- ☐ B. False



✓ Q17)What is the purpose of the method getUserData(key)?

1/1

- ☒ a) Returns the associated object
- ☐ b) Gets the user data
- ☐ c) Returns the user data
- ☐ d) Gets the user key



✓ Q18) Which method is used to compare the placement of two nodes in the DOM hierarchy (document)? 1/1

- ☒ a) compareDocumentPosition()
- ☐ b) cloneNode()
- ☐ c) getUserData()
- ☐ d) getFeature()



✓ 19) What is the purpose of the DocumentFragment node type? 1/1

- ☒ a) To hold a portion of a document
- ☐ b) To split the document into fragments
- ☐ c) To hold the entire document
- ☐ d) To hold the fragments



✓ Q20) Which of the following Node types have a node value equal to null? 1/1

- ☐ a) Document
- ☐ b) DocumentFragment
- ☐ c) DocumentType
- ☒ d) All of the mentioned



This content is neither created nor endorsed by Google. - [Terms of Service](#) - [Privacy Policy](#)

Google Forms



Web Programming Technologies.

Total points 20/20 ?

Email *

rkg16697@gmail.com

Enter Your Name: *

Rishikesh Gupta

Enter Roll No: *

1167

✓ 1.Which of the following is true about Piping streams? *

1/1

- ☐ A - Piping is a mechanism where we provide output of one stream as the input to another stream.
- ☐ B - Piping is normally used to get data from one stream and to pass output of that stream to another stream.
- ☐ C - There is no limit on piping operations.
- ☒ D - All of the above.



✓ 2. Which of the following is true about Chaining streams? *

1/1

- ☐ A - Chaining is a mechanism to connect output of one stream to another stream and create a chain of multiple stream operations.
- ☐ B - Chaining is normally used with piping operations.
- ☒ C - Both of the above. ✓
- ☐ D - None of the above.

✓ 3. Which of the following statement is valid to use a Node module fs in a Node based application? *

1/1

- ☒ A - `var fs = require("fs");` ✓
- ☐ B - `var fs = import("fs");`
- ☐ C - `package fs;`
- ☐ D - `import fs;`

✓ 4. Which of the following is true about File I/O in Node applications? *

1/1

- ☐ A - Node implements File I/O using simple wrappers around standard POSIX functions.
- ☐ B - Node File System (fs) module should be imported for File I/O operations.
- ☒ C - Both of the above. ✓
- ☐ D - None of the above.



✓ 5.Which of the following is true about fs module of Node? *

1/1

- ☐ A - Every method in fs module have synchronous as well as asynchronous form.
- ☐ B - Asynchronous methods of fs module take last parameter as completion function callback and first parameter of the callback function as error.
- ☒ C - Both of the above. ✓
- ☐ D - None of the above.

✓ 6.Which method of fs module is used to open a file? *

1/1

- ☒ A - fs.open(path, flags[, mode], callback) ✓
- ☐ B - fs.openFile(path, flags[, mode], callback)
- ☐ C - fs.openPath(path, flags[, mode], callback)
- ☐ D - None of the above.

✓ 7.Which method of fs module is used to get information about file? *

1/1

- ☐ A - fs.open(path, flags[, mode], callback)
- ☒ B - fs.stat(path, callback) ✓
- ☐ C - fs.readFile(path, flags[, mode], callback)
- ☐ D - None of the above.



✓ 8.Which method of fs module is used to read a file? *

1/1

- ☐ A - fs.open(path, flags[, mode], callback)
- ☒ B - fs.openFile(path, flags[, mode], callback)
- ☐ C - fs.openPath(path, flags[, mode], callback)
- ☐ D - fs.read(fd, buffer, offset, length, position, callback)



✓ 9.Which method of fs module is used to write a file? *

1/1

- ☒ A - fs.write(path, flags[, mode], callback)
- ☐ B - fs.writeFile(path, flags[, mode], callback)
- ☐ C - fs.writePath(path, flags[, mode], callback)
- ☐ D - None of the above.



✓ 10.Which method of fs module is used to close a file? *

1/1

- ☐ A - fs.close(fd, callback)
- ☐ B - fs.closeFile(fd, callback)
- ☒ C - fs.closePath(fd, callback)
- ☐ D - None of the above.



✓ 11. Which method of fs module is used to truncate a file? *

1/1

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



✓ 12. Which method of fs module is used to delete a file? *

1/1

- ☐ A - fs.delete(fd, len, callback)
- ☐ B - fs.remove(fd, len, callback)
- ☒ C - fs.unlink(path, callback)
- ☐ D - None of the above.



✓ 13. Which method of fs module is used to read a directory? *

1/1

- ☐ A - fs.readDirectory(path[, mode], callback)
- ☐ B - fs.read(path[, mode], callback)
- ☒ C - fs.readdir(path, callback)
- ☐ D - None of the above.



✓ 14. Which method of fs module is used to remove a directory? *

1/1

- ☐ A - fs.deleteDirectory(path[, mode], callback)
- ☒ B - fs.rmdir(path, callback)
- ☐ C - fs.removeDirectory(path[, mode], callback)
- ☐ D - None of the above.



✓ 15. Which of the following is true about global objects in Node applications? *

1/1

- ☐ A - Global objects are global in nature and they are available in all modules.
- ☐ B - Global objects are not required to be included in application, rather they can be used directly.
- ☒ C - Both of the above.
- ☐ D - None of the above.



✓ 16. Which of the following is true about __filename global object? *

1/1

- ☐ A - The __filename represents the filename of the code being executed.
- ☐ B - The __filename represents the resolved absolute path of code file.
- ☒ C - Both of the above.
- ☐ D - None of the above.



✓ 17.Which of the following is true about `__dirname` global object? * 1/1

- ☒ A - The `__dirname` represents the name of the directory that the currently executing script resides in. ✓
- ☐ B - The `__dirname` represents the resolved absolute path of code file.
- ☐ C - Both of the above.
- ☐ D - None of the above.

✓ 18.Which of the following is true about `setTimeout(cb, ms)` global function? * 1/1

- ☐ A - The `setTimeout(cb, ms)` global function is used to run callback `cb` after at least `ms` milliseconds.
- ☐ B - The `setTimeout(cb, ms)` function returns an opaque value that represents the timer which can be used to clear the timer.
- ☒ C - Both of the above. ✓
- ☐ D - None of the above.

✓ 19.Which of the following is true about `clearTimeout(t)` global function? * 1/1

- ☒ A - The `clearTimeout(t)` global function is used to stop a timer that was previously created with `setTimeout()`. ✓
- ☐ B - The `clearTimeout(t)` function returns an opaque value that represents the timer which can be used to clear the timer.
- ☐ C - Both of the above.
- ☐ D - None of the above.



✓ 20. Which of the following is true about `setInterval(cb, ms)` global function? *

1/1

- ☐ A - The `setInterval(cb, ms)` global function is used to run callback `cb` repeatedly after at least `ms` milliseconds.
- ☐ B - The `setInterval(cb, ms)` method returns an opaque value that represents the timer which can be used to clear the timer using the function `clearInterval(t)`.
- ☒ C - Both of the above. ✓
- ☐ D - None of the above.

This content is neither created nor endorsed by Google. - [Terms of Service](#) - [Privacy Policy](#)

Google Forms



Web Programming Test -4

Total points 16/20 ?

Jquery

Email *

rkg16697@gmail.com

Name *

Rishikesh Gupta

Roll No *

1167

✓ 1)jQuery is a *

1/1

- ☒ A. JavaScript library
- ☐ B. Ruby Gem
- ☐ C. PHP Framework
- ☐ D. None of the above



✓ 2) Which sign does jQuery use as a shortcut for jQuery? *

1/1

- ☐ A. the % sign
- ☐ B. the ? Sign
- ☒ C. the \$ sign



✓ 3) With jQuery, look at the following selector: \$("div"). What does it select? *

1/1

- ☒ A. All div elements
- ☐ B. The first div element



✓ 4) Is jQuery a library for client scripting or server scripting? *

1/1

- ☒ A. Server scripting
- ☐ B. Client scripting



✓ 5) What is the correct jQuery code to set the background color of all p elements to red? *

1/1

- ☐ A. \$("p").layout("background-color","red");
- ☐ B. \$("p").manipulate("background-color","red");
- ☒ C. \$("p").css("background-color","red");
- ☐ D. \$("p").style("background-color","red");



✓ 6)With jQuery, look at the following selector: \$("div.intro"). What does it select? *

1/1

- ☐ A. The first div element with class="intro"
- ☐ B. The first div element with id="intro"
- ☒ C. All div elements with class="intro"
- ☐ D. All div elements with id="intro"



✓ 7)Which jQuery method is used to hide selected elements? *

1/1

- ☐ A. hidden()
- ☒ B. hide()
- ☐ C. visible(false)
- ☐ D. display(none)



✓ 8)Which jQuery method is used to perform an asynchronous HTTP request? *

1/1

- ☐ A. jQuery.ajaxAsync()
- ☒ B. jQuery.ajax()
- ☐ C. jQuery.ajaxSetup()



✗ 9) Which statement is true? *

0/1

- ☐ A. To use jQuery, you must buy the jQuery library at www.jquery.com
- ☒ B. To use jQuery, you do not have to do anything. Most browsers (Internet Explorer, Chrome, Firefox and Opera) have the jQuery library built in the browser ✗
- ☐ C. To use jQuery, you can refer to a hosted jQuery library at Google

✓ 10) What scripting language is jQuery written in? *

1/1

- ☐ A. VBScript
- ☒ B. JavaScript ✓
- ☐ C. C#
- ☐ D. C++

✓ 11) Which jQuery function is used to prevent code from running, before the document is finished loading? *

1/1

- ☐ A. \$(document).load()
- ☐ B. \$(document).ready()
- ☒ C. \$(body).onload() ✓



✗ 12) Which jQuery method should be used to deal with name conflicts? * 0/1

- ☐ A. noNameConflict()
- ☒ B. noConflict()
- ☐ C. nameConflict()
- ☐ D. conflict()

✗

✗ 13) Which jQuery method is used to switch between adding/removing one or more classes (for CSS) from selected elements? * 0/1

- ☐ A. toggleClass()
- ☐ B. switch()
- ☒ C. altClass()
- ☐ D. switchClass()

✗

✓ 14) Look at the following jQuery selector: \$("div#intro .head"). What does it select? * 1/1

- ☐ A. The first element with id="head" inside any div element with class="intro"
- ☐ B. All elements with class="head" inside the first div element with id="intro"
- ☒ C. All div elements with id="intro" or class="head"

✓



✓ 15) Which statement best explains what "unobtrusive JavaScript" is? * 1/1

- ☐ A. JavaScript that doesn't annoy users
- ☒ B. JavaScript that is separate from HTML
- ☐ C. JavaScript that does not affect a web page
- ☐ D. JavaScript that works even with scripting turned off



✓ 16) Which of these is NOT a valid comment in JavaScript? * 1/1

- ☐ A. // This is a comment
- ☐ B. /* This is a comment. */
- ☒ C. /* This is a comment
- ☐ D. .<!-- This is a comment.



✗ 17) How do you use JavaScript within CoffeeScript code? * 0/1

- ☐ A. Use the JavaScript keyword
- ☒ B. Wrap the code in <script> tags
- ☐ C. Wrap the code in backticks or grave accents [^]
- ☐ D. You can't embed JavaScript code within CoffeeScript



✓ 18)What is the correct JavaScript syntax to write "Hello World"? * 1/1

- ☒ A. document.write("Hello World")
- ☐ B. ("Hello World")
- ☐ C. response.write("Hello World")
- ☐ D. "Hello World"



✓ 19)jQuery's main focus is.. * 1/1

- ☐ A. AJAX
- ☐ B. DOM Manipulation
- ☐ C. Animations
- ☒ D. All of the above



✓ 20)\$.foo() is equivalent to.. * 1/1

- ☐ A. javascript.foo()
- ☐ B. document.foo()
- ☒ C. jQuery.foo()
- ☐ D. None of the above



This content is neither created nor endorsed by Google. - [Terms of Service](#) - [Privacy Policy](#).

Google Forms



Web Programming Test -5

Total points 20/20 ?

jquery,ajax

Email *

rkg16697@gmail.com

Name *

Rishikesh Gupta

Roll No *

1168

✓ 1)var ps = \$("p"); ps will be.. *

1/1

- ☐ A. A linked list
- ☐ B. A hash or dictionary
- ☐ C. An array
- ☒ D. A jQuery object



✓ 2) You can test whether the browser supports specific features using... * 1/1

- ☒ A. \$.support
- ☐ B. \$.browser
- ☐ C. \$.featureTest
- ☐ D. \$.browserTest



✓ 3) Query.noConflict(true) is used to.. * 1/1

- ☐ A. Free up the \$ symbol for use by other libraries
- ☐ B. Improve compatibility
- ☐ C. Remove all jQuery variables from the global scope
- ☒ D. All of the above



✓ 4) The method that provides AJAX functionality within jQuery is named.. * 1/1

- ☒ A. ajax
- ☐ B. easyAJAX
- ☐ C. jQueryajax
- ☐ D. jQajax



✓ 5)The CSS selector engine that jQuery uses is called? *

1/1

- ☐ A. Badaboom
- ☐ B. Mango
- ☒ C. Sizzle
- ☐ D. AwesomeX



✓ 6)You can attach a handler to an event using which method? *

1/1

- ☐ A. eventBind
- ☒ B. bind
- ☐ C. attach
- ☐ D. eventAttach



✓ 7)What is jQuery? *

1/1

- ☒ a) jQuery is a library of JavaScript Functions.
- ☐ b) jQuery stands for Structured Query Language
- ☐ c) jQuery stands for Cascading Style Sheets.
- ☐ d) jQuery communication between computers on the Internet.



✓ 8)The jQuery library contains the following features *

1/1

- ☐ a) HTML element selections. HTML element manipulation .HTML event functions
- ☐ b) CSS manipulation. JavaScript Effects and animations. HTML DOM traversal and modification
- ☐ c) JavaScript Effects and animations. HTML DOM traversal and modification. AJAX. Utilities
- ☒ d) all of the above



✓ 9)Load remote data using HTTP GET *

1/1

- ☒ a) \$.get(url,data,callback,type)
- ☐ b) \$.ajax(options)
- ☐ c) \$.post(url,data,callback,type)
- ☐ d) \$.getScript(url,callback)



✓ 10)Triggers, or binds a function to the error event of selected elements. * 1/1

- ☐ a) click()
- ☒ b) error()
- ☐ c) event.pageX
- ☐ d) click.error()



✓ 11)What are the :odd and :even filters? *

1/1

- ☐ a) They allow you to determine if a number is odd or even.
- ☒ b) They allow you to determine if a specific element is in an odd or even position. ✓
- ☐ c) None of the above.

✓ 12)When referencing an HTML element preceded by a # (pound or hash), 1/1 what javascript function is this equivalent to? *

- ☒ a) getElementById ✓
- ☐ b) getElementByClassName
- ☐ c) getElementByTagName
- ☐ d) None of the above

✓ 13)When referencing an HTML element preceded by a . (dot), what javascript function is this equivalent to? *

1/1

- ☐ a) getElementById
- ☐ b) getElementByClassName
- ☐ c) getElementByTagName
- ☒ d) None of the above ✓



✓ 14)What is the each function used for? *

1/1

- ☐ a) The Each function allows you to loop though every element in a parent element.
- ☐ b) The Each function allows you to put the word "Each" into each element
- ☒ c) The Each function allows you to loop through different elements with a class or ID. ✓
- ☐ d) None of the above.

✓ 15)What is the difference between Hover and Mouseover *

1/1

- ☐ a) Mouseover allows you to specify an optional function to use for the mouseout event
- ☒ b) Hover allows you to specify an optional function to use for the mouseout event ✓
- ☐ c) No Difference; Mouseover and Hover are the same

✓ 16) What are the various speed options? *

1/1

- ☒ a) The words "slow" and "fast" as well as integers for the milliseconds ✓
- ☐ b) Only the words "slow", "fast", and "medium"
- ☐ c) All of the above
- ☐ d) None of the above



✓ 17) The speed options can be applied to which jQuery functions? * 1/1

- ☐ a) css and ajax
- ☒ b) show and fadeIn
- ☐ c) toggleCss
- ☐ d) All of the above



✓ 18) If you want to stop your jQuery for a few milliseconds, which function do you use? * 1/1

- ☐ a) stop()
- ☐ b) pause()
- ☐ c) slowdown()
- ☒ d) delay()



✓ 19) Which function do you reference in HTML form data? * 1/1

- ☐ a) value()
- ☐ b) formData()
- ☒ c) val()
- ☐ d) None of the above



✓ 20) When do you use the \$(this) code? *

1/1

- ☒ a) When an HTML element will reference its own action. ✓
- ☐ b) When an HTML element will reference its parent element's action
- ☐ c) When an HTML element will reference the entire document
- ☐ d) None of the above.

This content is neither created nor endorsed by Google. - [Terms of Service](#) - [Privacy Policy](#)

Google Forms



Web Programming Test -6

Total points 20/20 ?

jquery,ajax

Email *

rkg16697@gmail.com

Name *

Rishikesh Gupta

Roll No *

1167

✓ 1)What does the function \$(".selector") return? *

1/1

- ☐ a) An array.
- ☐ b) A node list.
- ☒ c) A new jQuery object.



✓ 2) Why do we usually add the stop() method before calling animate()? * 1/1

- ☐ a) stop() halts the execution of the scripts on the page until the animation has finished.
- ☒ b) stop() ends any currently running animations on the element, and prevents conflicts and pile-ups. ✓
- ☐ c) We tell jQuery that the animation has to be stopped at some point.

✓ 3) What is the difference between .width() and .outerWidth()? * 1/1

- ☐ a) The methods are basically the same. The only difference is that .width() returns a number, whereas outerWidth() a string.
- ☒ b) width() returns the computed width of the element, while outerWidth() returns the width plus all the margins and paddings. ✓
- ☐ c) No difference. width() is a shorthand alias for outerWidth()

✓ 4) How do you fetch the first span on the page, which has the class 'green'? * 1/1

- ☐ a) \$('span, .green, :first')
- ☐ b) \$('first .green span')
- ☒ c) \$('span.green:first') ✓



✓ 5)What does the \$('#myDiv').hover() method do? *

1/1

- ☒ a) It binds the functions you pass as parameters, to the mouseenter and mouseleave events. ✓
- ☐ b) Converts the element upon which it was called, into a hoverable menu.

✓ 6)Which of the following is correct? *

1/1

- ☒ A. jQuery is a JavaScript Library ✓
- ☐ B. jQuery is a JSON Library

✓ 7)What is AJAX ? *

1/1

- ☒ A. is a programe ✓
- ☐ B. is a country name
- ☐ C. is a football club name

✓ 8) What sever support AJAX ? *

1/1

- ☐ A. SMTP
- ☐ B. WWW
- ☒ C. HTTP ✓



✓ 9)AJAX Stands for: *

1/1

- ☒ A. Asynchronous Javascript and XML
- ☐ B. Abstract JSON and XML
- ☐ C. Another Java Abstraction for X-Windows
- ☐ D. Another Java and XML Library



✓ 10)What makes Ajax unique? *

1/1

- ☐ A. It works as a stand-alone Web-development tool.
- ☐ B. It works the same with all Web browsers.
- ☐ C. It uses C++ as its programming language.
- ☒ D. It makes data requests asynchronously.



✓ 11)What does the XMLHttpRequest object accomplish in Ajax? *

1/1

- ☐ A. It's the programming language used to develop Ajax applications.
- ☐ B. It provides a means of exchanging structured data between the Web server and client.
- ☒ C. It provides the ability to asynchronously exchange data between Web browsers and a Web server.
- ☐ D. It provides the ability to mark up and style the display of Web-page text.



✓ 12) _____ Of the following technologies, which one provides the ability 1/1
to dynamically interact with Web page layout? *

- ☐ A. JavaScript.
- ☐ B. XML.
- ☒ C. Document Object Model.
- ☐ D. HTML.



✓ 13)What is the first step in creating a Joke of the Day application? * 1/1

- ☐ A. Create the application's text file.
- ☒ B. Write the application's HTML.
- ☐ C. Turn the HTML application into an Ajax application.
- ☐ D. Upload the application to a Web server.



✓ 14) Regarding the XMLHttpRequest Object, does the order in which one 1/1
calls the "open" method and assign a function to the
"onreadystatechange" event handler matter? *

- ☐ A. Yes
- ☒ B. No



✓ 15)What combination of technologies gives AJAX its name? * 1/1

- ☐ A. ASP and XAML
- ☒ B. Asynchronous JavaScript and XML
- ☐ C. Autonomic Computing and DHTML
- ☐ D. Atlas and XML



✓ 16)Which one of these legendary Greek mythical figures or places is the code name for Microsoft's version of AJAX ? * 1/1

- ☐ A. Oracle
- ☒ B. Atlas
- ☐ C. Hercules
- ☐ D. Delphi



✓ 17)Which Web browser is the least optimized for Microsoft's version of AJAX? * 1/1

- ☐ A. Firefox
- ☐ B. Opera
- ☒ C. Safari
- ☐ D. Internet Explorer



✓ 18) Which one of these technologies is NOT used in AJAX? *

1/1

- ☐ A. CSS
- ☐ B. DOM
- ☐ C. DHTML
- ☒ D. Flash



✓ 19) AJAX comes in _____. *

1/1

- ☐ A. 2003
- ☒ B. 2005
- ☐ C. 2004
- ☐ D. 2006



✓ 20) AJAX made popular by *

1/1

- ☐ A. Microsoft
- ☐ B. IBM
- ☐ C. Sun Microsystems
- ☒ D. Google



This content is neither created nor endorsed by Google. - [Terms of Service](#) - [Privacy Policy](#).

Google Forms



Web_Programming_Test1

Total points 20/20 ?

Email *

rkg16697@gmail.com

Name *

Rishikesh Gupta

Roll No. *

1168

✓ 1) In Node process is _____

1/1

☒ Global Object☐ Local Object

✓ 2) Node Js is _____

1/1

☒ Asynchronous☐ Synchronous

✓ 3) Which of following is not builtin node module.

1/1

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



✓ 4) Which of the following are not Node.js web application frameworks for?

1/1

- ☐ Express.js
- ☐ Geddy
- ☒ Aurelia
- ☐ Locomotive



✓ 5) Which method returns the current working directory of the process.

1/1

- ☒ process.cwd();
- ☐ cwd();
- ☐ pwd();



✓ 6) In which of the following areas, Node.js is perfect to use?

1/1

- ☐ I/O bound Applications
- ☐ Data Streaming Applications
- ☐ Data Intensive Realtime Applications DIRT
- ☒ All of the above.



✓ 7) Command to start Node REPL

1/1

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



✓ 8) Command to list all modules that are install globally?

1/1

- ☒ \$ npm ls -g
- ☐ \$ npm ls
- ☐ \$ node ls -g
- ☐ \$ node ls



✓ 9)What is Callback?

1/1

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

✓

✓ 10)Node.js uses an event-driven, non-blocking I/O model ?

1/1

- ☒ True
- ☐ False

✓

✓ 11) Which of the following is not a benefit of using modules?

1/1

- ☐ Provides a means of dividing up tasks
- ☐ Provides a means of reuse of program code
- ☒ Provides a means of reducing the size of the program
- ☐ Provides a means of testing individual parts of the program

✓



✓ 12) What is the advantage of using node.js?

1/1

- ☐ It provides an easy way to build scalable network programs
- ☐ Generally fast
- ☐ Great concurrency
- ☒ All of these



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

1/1

- ☒ EventEmitter
- ☐ Events
- ☐ NodeEvent
- ☐ None of the above



✓ 14) Is node js multithreaded?

1/1

- ☐ Yes
- ☒ No



✓ 15) Which of the following is true about writable stream?

1/1

- ☐ A - writable stream is used for write operation.
- ☐ B - Output of readable stream can be input to a writable stream.
- ☒ C - Both of the above.
- ☐ D - None of the above.



✓ 16) Which of the following statement is valid to use a Node module fs in a Node based application?

1/1

- ☒ var fs = require("fs");
- ☐ var fs = import("fs");
- ☐ package fs;
- ☐ import fs;



✓ 17) Express.js, or simply Express, is a _____ web application framework for Node.js

1/1

- ☐ Front-end
- ☒ Back-end
- ☐ Database
- ☐ None of the above



✓ 18) What are core features of Express framework?

1/1

- ☐ 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



✓ 19) 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? 1/1

- ☐ GET
- ☐ PUT
- ☐ SET
- ☒ POST



✓ 20) Cookies are complex, large files/data that are sent to server with a client request and stored on the server side. 1/1

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



This content is neither created nor endorsed by Google. - [Terms of Service](#) - [Privacy Policy](#).

Google Forms

