Answer Sheet

Title:
NodJS 240920
Exam Date:
13/01/2023 02:51 PM To 13/01/2123 02:51 PM
Total Marks:
100.00
Min. Passing %:
50
Time Duration :
Total 60 (in Minute)
Attendee:
Yash Pal

NodJS 240920

Correct Answer In-Correct Answer

(Total Marks- 100.00)

Sr No	Question	Answer	Question Mark	Status		Time Taken(MM:SS)
1	Node.js is Language.	Server Side Client Side Both	1.00	Attend	0	0.31
2	Is node js multithreaded?	TrueFalse	1.00	Attend	1.00	0.09

Sr No	Question	Answer	Question Mark	Status	Marks Gained	Time Taken(MM:SS)
3	Which extension is used to save NodeJs files?	.ips .node .java .txt	1.00	Attend	0	0.22
4	Node Js is	AsynchronousSynchronous	1.00	Attend	1.00	0.07
5	Which function is used to include modules in Node Js.	<pre>include(); require(); attach();</pre>	1.00	Attend	1.00	0.16
6	Which of following is not builtin node module.	zlibhttpsdgramfsread	1.00	Attend	1.00	1.22

Sr No	Question	Answer	Question Mark	Status	Marks Gained	Time Taken(MM:SS)
7	How Node.js modules are availble externally	module.exportsmodule.spreadmodule.exposeNone of Above	1.00	Attend	1.00	0.01
8	What does the fs module stand for?	File Service File System File Store	1.00	Attend	1.00	0.10
9	What is the default scope in Node.js application.	LocalPublicPrivateGlobal	1.00	Attend	1.00	0.27
10	Which of the following are not Node.js web application frameworks for?	Express.jsGeddyAureliaLocomotive	1.00	Attend	0	0.29

Sr No	Question	Answer	Question Mark	Status	Marks Gained	Time Taken(MM:SS)
11	Which of the following template engines can be used with Node.js?	Jade Vash Handlebars All of the above	1.00	Attend	1.00	0.21
12	Which method returns the current working directory of the process.	<pre>process.cwd(); cwd(); pwd();</pre>	1.00	Attend	0	0.34
13	In which of the following areas, Node.js is perfect to use?	 I/O bound Applications Data Streaming Applications Data Intensive Realtime Applications DIRT All of the above. 	1.00	Attend	0	1.21
14	For What npm stands?	 Node Project Manager Node Package Manager New Project Manager New Package Manager 	1.00	Attend	1.00	0.12

Sr No	Question	Answer	Question Mark	Status	Marks Gained	Time Taken(MM:SS)
15	Node.js uses an event-driven, non-blocking I/O model ?	TrueFalse	1.00	Attend	1.00	0.10
16	How do you install Nodemon using Node.js?	npm install -g nodemonnode install -g nodemon	1.00	Attend	1.00	0.19
17	How do you kill a process in Node.js?	Ctrl + CCtrl + BCtrl + K	1.00	Attend	1.00	1.17
18	Node uses engine in core.*	Chorme V8Microsoft ChakraSpiderMonkeyNode En	1.00	Attend	1.00	0.12
19	Something that happened in our application that we can respond too	events actions procedures callback	1.00	Attend	0	0.37

Sr No	Question	Answer	Question Mark	Status	Marks Gained	Time Taken(MM:SS)
20	Which of the following is true about RESTful web services?	 Webservices based on REST Architecture are known as RESTful web services Webservices uses HTTP methods to implement the concept of REST architecture Both of the above None of the above 	1.00	Attend	0	0.24
21	In Nodejs how node based web servers differ from traditional web servers?	 Node based server uses a single threaded model and can serve much larger number of requests compared to any traditional server like Apache HTTF Server. Node based server process request much faster than traditional server. There is no much difference between the two. All of the above 	1.00	Attend	1.00	0.35
22	Which statement executes the code of sample.js file?	nodejs sample.jsnode sample.jssample.jsNone of the above	1.00	Attend	0	0.36

Sr No	Question	Answer	Question Mark	Status	Marks Gained	Time Taken(MM:SS)
23	What are the key features of Node.js?	Real time Data intensive Highly scalable servers for Web Applications Builds fast and scalable network Applications All of the above	1.00	Attend	1.00	1.80
24	How can we check the current version of NPM?	npmversionnpmvernpm helpNone of the above	1.00	Attend	1.00	0.14
25	What is the advantage of using node.js?	It provides an easy way to build scalable network programsGenerally fastGreat concurrencyAll of these	1.00	Attend	1.00	0.40
26	Why a Node.JS code is pretty fast although being written in JavaScript?	 Node.JS internally converts JavaScript code to Java based code and then execute the same Node.JS internally converts JavaScript code to C based code and then execute the same Being built on Google Chrome's V8 JavaScript Engine None of the above 	1.00	Attend	1.00	1.12

Sr No	Question	Answer	Question Mark	Status	Marks Gained	Time Taken(MM:SS)
27	What is REPL in Node.js?	Eval Print Loop All of these	1.00	Attend	1.00	0.17
28	What should you do in your code to improve your application's performance?	 Use gzip compression Don't use synchronous functions Do logging correctly Handle exceptions properly 	1.00	Attend	0	0.39
29	To install Node.js express module	\$ npm install express\$ node install express\$ install expressNone of above	1.00	Attend	1.00	0.13
30	Which of the followings are valid languages for Node.js?	JavaScriptJavaC++C#	1.00	Attend	1.00	0.11

Sr No	Question	Answer	Question Mark	Status	Marks Gained	Time Taken(MM:SS)
31	Which of the following tool automates various tasks of Node.js application?	Express.js GruntJS NPM None of the above	1.00	Attend	1.00	1.88
32	In Node.js APIs of Node.JS are which of the following?	AsynchronousSynchronousBoth of the aboveNone of the above	1.00	Attend	1.00	0.17
33	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 	1.00	Attend	1.00	0.19
34	The Node.js modules can be exposed using	module.expose module module.exports All of the above	1.00	Attend	1.00	0.22

Sr No	Question	Answer	Question Mark	Status	Marks Gained	Time Taken(MM:SS)
35	Which module is used to serve static resources in Node.js	node-static http node-resource static	1.00	Attend	0	0.15
36	Is console a global object	null False True none	1.00	Attend	0	1.37
37	Which of the following class is used to create and consume custom events in Node.js	EventEmitterEventsNodeEventNone of the above	1.00	Attend	1.00	0.00
38	Node.js supports which of the following platform	Windows Macintosh Unix/Linux All of the above	1.00	Attend	1.00	0.27

Sr No	Question	Answer	Question Mark	Status	Marks Gained	Time Taken(MM:SS)
39	Which of following are a valid form of route path	strings string patterns regular expressions All of above	1.00	Attend	1.00	0.48
40	Which of the following statements holds good with respect to Node?	 Node being a single thread, and uses async function calls to maintain the concurrency Every API of Node js are asynchronous 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 All of these 	1.00	Attend	0	0.43
41	In Nodejs what is use of underscore variable in REPL session?	 to store the result to get the last command used None of the above to get the last result 	1.00	Attend	0	0.17

Sr No	Question	Answer	Question Mark	Status	Marks Gained	Time Taken(MM:SS)
42	Which statement is valid in using a Node module fs in a Node based application?	<pre>var fs = import("fs") import fs package fs var fs = require("fs")</pre>	1.00	Attend	0	0.18
43	Child processes always have three streams child.stdin, child.stdout, and child.stderr which may be shared with the stdio streams of the parent process.	FalseTrueNoneall of the above	1.00	Attend	0	0.10
44	Which of the following command will show all the modules installed locally	\$ npm ls -g \$ npm ls \$ node ls -g \$ node ls	1.00	Attend	1.00	0.22
45	Which of the following is true about writable stream	 writable stream is used for write operation. Output of readable stream can be input to a writable stream. Both of the above. None of the above. 	1.00	Attend	0	0.18

Sr No	Question	Answer	Question Mark	Status	Marks Gained	Time Taken(MM:SS)
46	Which of the following is true about File I/O in Node applications?	 Node implements File I/O using simple wrappers around standard POSIX functions. Node File System (fs) module should be imported for File I/O opearations. Both of the above. None of the above. 	1.00	Attend	0	0.30
47	Which method of fs module is used to delete a file?	fs.delete(fd, len, callback) fs.remove(fd, len, callback) fs.unlink(path, callback) None of the above.	1.00	Attend	1.00	0.39
48	Is console a global object?	TrueFalse	1.00	Attend	1.00	0.08
49	Which of the following module is required for network specific operations?	os module fs module net module None of the above.	1.00	Attend	0	0.05
50	net.islP(input) returns 6 for IP version 6 addresses.	TrueFalse	1.00	Attend	1.00	0.22

Sr	Overtion	Analysis	Question	Ctatus	Marks	Time
No	Question	Answer	Mark	Status	Gained	Taken(MM:SS)

51	Which of the following code can make a request to a web server?	 http.request(options, callback) http.createRequest(options, callback) http.makeRequest(options, callback) None of the above. 	1.00	Attend	1.00	2.47
52	Which of the following is true about Node.JS?	 Node.js is a JavaScript based framework/platform built on Google Chrome's JavaScript V8 Engine. Node.JS is used to delevop I/O intensive web applications like video streaming sites, single page applications and other web application. Node.js is open source and is completely free to use. All of the above. 	1.00	Attend	1.00	0.51
53	What is Node.JS?	 Node.js is a web server. Node.js is a JavaScript based framework/platform built on Google Chrome's JavaScript V8 Engine. Node.js is a java based framework. None of the above. 	1.00	Attend	1.00	0.23

Sr No	Question	Answer	Question Mark	Status	Marks Gained	Time Taken(MM:SS)
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54	All APIs of Node.JS are	AsynchronousSynchronousBoth of the above.- None of the above.	1.00	Attend	1.00	0.13
55	Why code written in Node.JS is pretty fast although being written in JavaScript?	 Node.JS internally converts JavaScript code to Java based code and then execute the same Node.JS internally converts JavaScript code to C based code and then execute the same. Being built on Google Chrome's V8 JavaScript Engine. None of the above. 	1.00	Attend	1.00	0.39
56	How Node based web servers are different from traditional web servers?	 Node based server process request much faster than traditional server. Node based server uses a single threaded model and can services much larger number of requests than traditional server like Apache HTTP Server. There is no much difference between the two None of the above 	1.00	Attend	1.00	0.17

Sr No	Question	Answer	Question Mark	Status	Marks Gained	Time Taken(MM:SS)
57	In 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 Realtime Applications DIRT 	1.00	Attend	0	0.40
58	REPL stands for	Research Eval Program Learn Read Eval Print Loop Read Earn Point Learn Read Eval Point Loop	1.00	Attend	1.00	0.12
59	Which of following command starts a REPL session?	\$ node\$ node start\$ node rep\$ node console	1.00	Attend	1.00	1.40
60	What npm stands for?	 Node Package Manager Node Project Manager New Project Manager New Package Manager 	1.00	Attend	1.00	0.16

Sr No	Question	Answer	Question Mark	Status	Marks Gained	Time Taken(MM:SS)
61	Which of the following command will show version of Node?	\$ npmversion \$ nodeversion \$ npm getVersion \$ node getVersion	1.00	Attend	1.00	0.23
62	Which of the following command will show version of npm?	 \$ npmversion \$ nodeversion \$ npm getVersion \$ node getVersion 	1.00	Attend	1.00	0.05
63	By default, npm installs any dependency in the local mode.	TrueFalse	1.00	Attend	1.00	0.51
64	By default, npm installs any dependency in the global mode.	TrueFalse	1.00	Attend	0	1.32
65	Which of the following command will show all the modules installed globally?	 \$ npm ls -g \$ npm ls \$ node ls -g - \$ node ls 	1.00	Attend	1.00	0.19

Sr No	Question	Answer	Question Mark	Status	Marks Gained	Time Taken(MM:SS)
66	Which of the following command will show all the modules installed locally.	\$ npm ls -g \$ npm ls \$ node ls -g \$ node ls	1.00	Attend	1.00	0.03
67	Which of the following is true about package.json?	 package.json is present in the root directory of any Node application/module package.json is used to define the properties of a package package.json can be used to update dependencies of a Node application All of the above. 	1.00	Attend	1.00	0.26
68	What is Callback?	 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 	1.00	Attend	0	0.22
69	Node js is a single threaded application but supports concurrency	TrueFalse	1.00	Attend	1.00	0.08

Sr No	Question	Answer	Question Mark	Status	Marks Gained	Time Taken(MM:SS)
70	Which of the following is true with respect to Node	 Every API of Node js are asynchronous. Node being a single thread, and uses async function calls to maintain the concurrency. 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. All of the above 	1.00	Attend	0	0.42
71	Which of the following provides in-built events.	eventscallbackthrowhandler	1.00	Attend	1.00	0.15
72	Which of the following is true about EventEmitter.on property?	 on property is used to fire event. on property is used to bind a function with the event. on property is used to locate an event handler None of the above. 	1.00	Attend	0	0.12

Sr No	Question	Answer	Question Mark	Status	Marks Gained	Time Taken(MM:SS)
73	Which of the following is true about EventEmitter.emit property?	 emit property is used to locate an event handler. emit property is used to bind a function with the event. emit property is used to fire an event. None of the above. 	1.00	Attend	1.00	0.22
74	Which statement execute the code of sample.js file?	nodejs sample.js node sample.js sample.js None of the above	1.00	Attend	1.00	0.19
75	How can we create instance of http module?	<pre>var http = require("http"); var http = new require("http"); var http = new http(); None of the above</pre>	1.00	Attend	1.00	0.06
76	The \$ npm ls -g statement is used to list down all the locally installed module?	TrueFalse	1.00	Attend	1.00	0.19

Sr No	Question	Answer	Question Mark	Status	Marks Gained	Time Taken(MM:SS)
77	How can we check the cujrrent version of NPM?	npmversionnpmvernpm helpNone of the above	1.00	Attend	1.00	0.18
78	The \$ npm Is statement is used to list down all the locally installed module?	TrueFalse	1.00	Attend	1.00	0.09
79	package.json is is used to define the properties of a package?	TrueFalse	1.00	Attend	1.00	0.10
80	How many Node object methods are available?	18192021	1.00	Attend	1.00	0.26
81	In Node.js from the following which is true about writable stream?	 Output of readable stream can be input to a writable stream writable stream is used for write operation Both of the above None of the above 	1.00	Attend	0	0.21

Sr No	Question	Answer	Question Mark	Status	Marks Gained	Time Taken(MM:SS)
82	Which of the following Node object property returns the local part of the name of a node?	lastName localName firstName none of the mentioned	1.00	Attend	1.00	0.10
83	Node.js terminal (REPL) is used for	 testing node.js/JavaScript expressions executing browser's JavaScript expressions. the preview of node.js application. None of the above 	1.00	Attend	1.00	0.22
84	How to test if two nodes are equal?	isEqualNode()equal()`==none of the mentioned	1.00	Attend	1.00	0.10
85	Simple or complex functionality organized in a single or multiple JavaScript files which can be reused throughout your Node.js application is called	Module Library Package Function	1.00	Attend	0	0.26

Sr No	Question	Answer	Question Mark	Status	Marks Gained	Time Taken(MM:SS)
86	Which of the following core module is used to create a web server in Node.js?	fs url connect http	1.00	Attend	1.00	0.28
87	What code print the endianness of operating system?	 console.log('endianness: ' + os.getEndianness()); console.log('endianness: ' + os.endianness); console.log('endianness: ' + os.endianness()); None of the above. 	1.00	Attend	0	0.43
88	Select all valid rout parameter formats	/users/:userld/books/:bookld /flights/:from-:to /books/!:from-:to None	1.00	Attend	1.00	0.16
89	Which of the following code can create a web server?	 http.createServer(callback) http.createWebServer(callback) http.createHTTPServer(callback) None of the above 	1.00	Attend	0	0.32

Sr No	Question	Answer	Question Mark	Status	Marks Gained	Time Taken(MM:SS)
90	Which method is used to compare the placement of two nodes in the DOM hierarchy (document)?	compareDocumentPosition()cloneNode()getUserData()getFeature()	2.00	Attend	2.00	0.31
91	Node.js application can access which of the following databases?	NoSQL databasesRelational databasesAll of the aboveNone of the above	1.00	Attend	0	0.54
92	Which code converts a buffer buf to JSON object?	buf.json()buf.covertToJson()buf.toJSON()buf.jsonify()	2.00	Attend	0	0.29
93	Which of the following is a GUI-based debugging tool for Node.js?	Console REPL Node Inspector	1.00	Attend	0	0.16

Sr No	Question	Answer	Question Mark	Status	Marks Gained	Time Taken(MM:SS)
94	Which of the following is true about readable stream?	 Readable stream is used for read operation Output of readable stream can be input to a writable stream Both of the above None of the above 	1.00	Attend	0	0.41
95	Which of the following is true about fs module of Node?	 Every method in fs module have synchronous as well as asynchronous form Asynchronous methods of fs module take last parameter as completion function callback and first parameter of the callback function as error Both of the above None of the above 	2.00	Attend	2.00	0.32
96	Which of the following module is required to create a web server?	url module net module http module web module	1.00	Attend	0	0.08
97	Which of the following is the correct way to get a normalized path?	 path.normalize('/test/test1//2slashes/1slash/tab/') fs.normalize('/test/test1//2slashes/1slash/tab/') os.normalize('/test/test1//2slashes/1slash/tab/') None of the above 	1.00	Attend	1.00	0.26

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