This section presents you various set of Mock Tests related to Node.js Framework. You can download these sample mock tests at your local machine and solve offline at your convenience. Every mock test is supplied with a mock test key to let you verify the final score and grade yourself.

Q 1 - Which of the following is true about Node.js?
A - Node.js is a JavaScript based framework/platform built on Google Chrome's JavaScript V8 Engine.
B - Node.js is used to develop I/O intensive web applications like video streaming sites, single page applications and other web applications.
C - Node.js is open source and is completely free to use.
D - All of the above.

Q 2 - What is Node.js?
A - Node.js is a web server.
B - Node.js is a JavaScript based framework/platform built on Google Chrome's JavaScript V8 Engine.
C - Node.js is a Java based framework.
D - None of the above.

Q 3 - All APIs of Node.js are.
A - Asynchronous
B - Synchronous
C - Both of the above.
D - None of the above.

Q 4 - Why code written in Node.js is pretty fast although being written in JavaScript?
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.

**Q 5 - How Node based web servers are different from traditional web servers?**
A - Node based server process request much faster than traditional server.
B - Node based server uses a single threaded model and can services much larger number of requests than traditional server like Apache HTTP Server.
C - There is no much difference between the two.
D - None of the above.

**Q 6 In which of the following areas, Node.js is perfect to use?**
A - I/O bound Applications
B - Data Streaming Applications
C - Data Intensive Realtime Applications *DIRT*
D - All of the above.

**Q 7 In which of the following areas, Node.js is not advised to be used?**
A - Single Page Applications
B - JSON APIs based Applications
C - CPU intensive applications
D - Data Intensive Realtime Applications *DIRT*

**Q 8 Which of the following statement is valid to use a Node module http in a Node based application?**
C - package http;
D - import http;

**Q 9 REPL stands for.**
A - Research Eval Program Learn
B - Read Eval Print Loop
C - Read Earn Point Learn
D - Read Eval Point Loop

**Q 10 Which of following command starts a REPL session?**
A - $ node
B - $ node start
C - $ node repl
D - $ node console

**Q 11 - What is use of Underscore Variable in REPL session?**
A - to get the last command used.
B - to get the last result.
C - to store the result.
D - None of the above.

**Q 12 - What npm stands for?**
A - Node Package Manager
B - Node Project Manager
C - New Project Manager
D - New Package Manager

**Q 13 - Which of the following command will show version of Node?**
A - $ npm --version
B - $ node --version
C - $ npm getVersion
D - $ node getVersion

**Explanation**

Executing $ node --version command will show the version of Node instance.

**Q 14 - Which of the following command will show version of npm?**
A - $ npm --version
B - $ node --version
C - $ npm getVersion
D - $ node getVersion

**Q 15 - By default, npm installs any dependency in the local mode.**
A - true
B - false
Q 16 - By default, npm installs any dependency in the global mode.
A - true
B - false

Q 17 - Which of the following command will show all the modules installed globally?
A - $ npm ls -g
B - $ npm ls
C - $ node ls -g
D - $ node ls

Q 18 - Which of the following command will show all the modules installed locally.
A - $ npm ls -g
B - $ npm ls
C - $ node ls -g
D - $ node ls

Q 19 - Which of the following is true about package.json?
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.

Q 20 - What is Callback?
A - Callback is an asynchronous equivalent for a function.
B - Callback is a technique in which a method call back the caller method.
C - Both of the above.
D - None of the above.

Q 21 - Node js is a single threaded application but supports concurrency.
A - true
B - false

Q 22 - Which of the following is true with respect to Node.
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.

Q 23 - Which of the following provides in-built events.

A - events
B - callback
C - throw
D - handler

Q 24 - Which of the following is true about EventEmitter.on property?

A - on property is used to fire event.
B - on property is used to bind a function with the event.
C - on property is used to locate an event handler.
D - None of the above.

Q 25 - Which of the following is true about EventEmitter.emit property?

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.

ANSWER SHEET

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