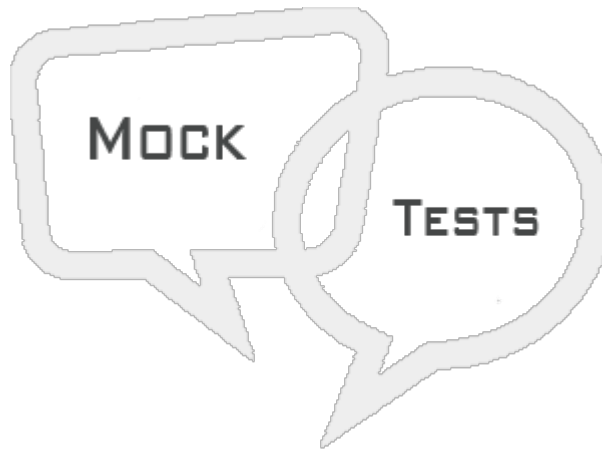


# NODE.JS MOCK TEST

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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.



## NODE.JS MOCK TEST IV

**Q 1 - Which of the following module is required for DNS specific operations?**

- A - dns module
- B - web module
- C - net module
- D - None of the above.

**Q 2 - Which of the following stands true for `dns.lookuphostname[, options], callback` method?**

- A - Resolves a hostname e. g. 'google. com' into the first found A IPv4 or AAAA IPv6 record.
- B - If options is not provided, then IP v4 and v6 addresses are both valid. If options is an integer, then it must be 4 or 6.
- C - Both of the above.
- D - None of the above.

**Q 3 - Which of the following method resolves an ip address to an array of hostnames?**

- A - `dns.reverseip, callback`
- B - `dns.resolvehostname[, rrtype], callback`
- C - `dns.resolve4hostname, callback`
- D - None of the above.

**Q 4 - Which of the following module is required for exception handling in Node?**

- A - web module

- B - net module
- C - domain module
- D - error module

**Q 5 - Which of the following is true about internal binding with respect to domain module?**

- A - Error emitter is executing its code within run method of a domain.
- B - Error emitter is added explicitly to a domain using its add method.
- C - Both of the above.
- D - None of the above.

**Q 6 - Which of the following is true about external binding with respect to domain module?**

- A - Error emitter is executing its code within run method of a domain.
- B - Error emitter is added explicitly to a domain using its add method.
- C - Both of the above.
- D - None of the above.

**Q 7 - Which of the following module is required to create a web server?**

- A - url module
- B - net module
- C - http module
- D - web module

**Q 8 - Which of the following code can create a web server?**

- A - `http.createServercallback`
- B - `http.createWebServercallback`
- C - `http.createHTTPServercallback`
- D - None of the above.

**Q 9 - Which of the following code can make a request to a web server?**

- A - `http.requestoptions, callback`
- B - `http.createRequestoptions, callback`
- C - `http.makeRequestoptions, callback`
- D - None of the above.

**Q 10 - What is Express?**

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

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

C - Both of the above.

D - None of the above.

**Q 11 - Can we create child processes in Node applications.**

A - true

B - false

**Q 12 - Which of the following module is required to create a child process?**

A - process module

B - child\_process module

C - child module

D - web module

**Q 13 - Which of the following is true about exec method of child\_process module.**

A - The exec method runs a command in a shell and buffers the output.

B - The exec method returns a buffer with a max size.

C - The exec method waits for the process to end and tries to return all the buffered data at once.

D - All of the above.

**Q 14 - Which of the following is true about fork method of child\_process module.**

A - The fork method method is a special case of the spawn to create Node processes.

B - The fork method returns object with a built-in communication channel in addition to having all the methods in a normal ChildProcess instance.

C - Both of the above.

D - None of the above.

**Q 15 - What REST stands for?**

A - REpresentational State Transfer

B - Resource Efficient State Transfer

C - Real Elegant State Transfer

D - Resource Elegant State Transfer

**Q 16 - Which of the following is true about RESTful webservices?**

- A - Webservices based on REST Architecture are known as RESTful web services.
- B - Webservices uses HTTP methods to implement the concept of REST architecture.
- C - Both of the above.
- D - None of the above.

**Q 17 - Which of the following is not a valid HTTP method?**

- A - get
- B - put
- C - post
- D - header

**Q 18 - Transform stream is a type of duplex stream.**

- A - true
- B - false

**Q 19 - Each type of Stream is an EventEmitter.**

- A - true
- B - false

**Q 20 - Duplex stream can be used for both read and write operation.**

- A - true
- B - false

**Q 21 - A stream fires data event when there is data available to read.**

- A - false
- B - true

**Q 22 - A stream fires end event when there is no more data to read.**

- A - true
- B - false

**Q 23 - A stream fires error event when there is any error receiving or writing data.**

A - false

B - true

**Q 24 - A stream fires finish event when all data has been flushed to underlying system.**

A - true

B - false

**Q 25 - 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.**

A - true

B - false

## ANSWER SHEET

Question Number	Answer Key
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1	A
2	C
3	A
4	C
5	A
6	B
7	C
8	A
9	A
10	B
11	A
12	B
13	D
14	C
15	A
16	C
17	D
18	A
19	A
20	A
21	B

22	A
23	B
24	A
25	A

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