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 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.lookup(hostname[, 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.createServer
B - http.createWebServer
C - http.createHTTPServer
D - None of the above.

Q 9 - Which of the following code can make a request to a web server?
A - http.request
B - http.createRequest
C - http.makeRequest
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 webservice?
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

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