1)What is node.js?

node.js is a Runtime environment for creating web applications on the server side, it allows us to run javascript on the backend outside the browser.

2)What do you mean by asynchronous API?

All APIs of Node.js library are aynchronous that is non-blocking. It essentially means a Node.js based server never waits for a API to return data. Server moves to next API after calling it and a notification mechanism of Events of Node.js helps server to get response from the previous API call.

3)what are the benefits of using node.js?

* Aynchronous and Event Driven
* Very Fast Being built on Google Chrome's V8 JavaScript Engine, Node.js library is very fast in code execution.

4)What is npm?

npm stands for node package manager, it provides

* Online repository for node.js packages
* Command line utility to install packages, do version management and dependency management of Node.js packages.

5)What is package.json?

package.json is a configuration file present in the root directory of any Node application/module and is used to define the properties of a package

6)Name some of the attributes of package.json?

Following are the attributes of package.json Name, version, description, homepage, author, contributors, dependencies, repository, main, keywords

7)How to include dependency in the package.json file?

npm install dependency-name

8)How to remove dependency in the package.json file?

npm uninstall dependency-name

9)What is gulp?

Gulp is a build system and JavaScript task runner which can automate common tasks of any website like minification, checking js errors, bundling of various js and css files, optimize images, concatenate files and many more

10)Is gulp based on node.js?

yes, gulp is based on node.js

11)Why to use gulp?

gulp is a task runner which is efficient and fast compared to other task runners

12)How gulp is better than grunt?

gulp is better than grunt in the speed of execution

13)What is karma?

karma is a task runner provided by the angular team, karma will execute unit tests in the multiple browsers which shall ensure that our application is compatible in all browsers.

14)What is jasmine?

jasmine is a javascript unit testing framework and will provide us with utilities to test our application.

15)How to install karma?

local installation: npm install karma –save-dev

Global installation: npm install –g karma –save-dev

16)How to install jasmine?

npm install jasmine-node –g

npm install karma-jasmine jasmine-core --save-dev

This will install karma, karma jasmine, and jasmine core packages into nodemodules in our current working directory.