**HTML:**

1. HTML 4 and HTML 5 differences?
2. **What are the new features of HTML 5?**
3. What is Doctype of HTML5 and HTML 4? Any differences in between them?
4. Why HTML4 Doctype is so long as compared to HTML5? What does it contain?
5. **What are local Storage, session Storage and cookies? Differences?**
6. How to set local Storage and session Storage?
7. **How do you conclude that the given browser supports local Storage or not?**
8. What is Meta tag information in html?
9. **Why do we write doctype information in html? What is the necessity?**
10. What you will do to get the better performance in html?
11. **What are new API’s in html5? Which one you have used ?**
12. Where you will write or add css and JavaScript files in html for better performance?
13. What will happen if we don’t specify <!DOCTYPE> in html ? What are the functionalities can’t support properly in HTML 5 ?

**JavaScript:**

1. Which javascript version that you are using ? What are the features of it ?
2. How to get the javascript version (in script wise or function)
3. Does javascript support object-oriented ?
4. What is class in javascript ? How do you create ?
5. What is an object in javascript ? How do you create ?
6. How does inheritance support in javascript ? How you will accept and add the properties ?
7. How does polymorphism support in javascript ?
8. How to create object literal and string literal ?
9. What is this in javascript ?
10. **What are javascript promises ?**
11. What are prototypes in javascript ?
12. What are javascript closures ? give me examples ?
13. What is timeout function in javascript ?
14. Which ECMA version you are using ? What are the features of it ?
15. **How do you include external javascript files in your html ?**
16. How to call javascript function ? Explain ?
17. **Difference between == and === ?**
18. Difference between null and undefined ?
19. What is a hoisting variable in javascript ?
20. **What are call back functions in javascript ?**
21. **What are javascript variables ?**
22. **What are javascript datatypes ?**
23. **What are javascript primitive and non-primitive data types ?**
24. How to create javascript array ? How to empty it ?
25. How to reverse a string in javascript ?
26. What is DOM ?
27. Javascript ajax call syntax ? How to write the given request is valid for IE browser ?
28. Few programs to write and outputs of few programs

**CSS:**

1. Which CSS version you are using ?
2. What are the features or modules of CSS 3? And which features you have used in your application ?
3. **What is box-model and what are its properties ?**
4. What are pseudo elements and pseudo classes ?
5. **What are inline and external css styles ?**
6. **What absolute and relative positions and differences ?**
7. How do you include css files in html ?
8. What are css selectors ? How many are there ? which css selector is faster ?
9. What is z-index property ?
10. Can we give the negative values to padding property ?
11. **What are css media queries**
12. How to implement pop-up model in css ?
13. **What is CSS transition property ?**

**Angularjs:**

1. Which version that you are using ? and it’s features ?
2. Differences between Angular 1 and 2 ?
3. What is MVC architecture in angularjs ?
4. Explain about Angularjs flow ?
5. What is MVVM style in angularjs ?
6. What is scope and rootscope ? Differences ?
7. What is model, controller and view in angularjs ?
8. How to achieve two-way data binding ?
9. What are Angularjs features ?
10. Why do we go for Angularjs ?
11. What are services in Angularjs ?
12. What are promises ? How to create ?
13. How to consume REST APIs in angularjs ?
14. What are directives ? Explain ?
15. What are custom directives and explain ?
16. What is child scope and root scope ?
17. What are Angularjs life cycle methods ?
18. How to do bootstrapping in angularjs ?
19. What is isolated scope and explain ?
20. What is @, = and & in custom directives scopes ?
21. What is restrict and it’s elements ?
22. What is replace and template in custom directives ?
23. How do you pass data in two controllers ?
24. Can we write multiple ng-app in angularjs application ?
25. Differences between services and factories and providers ? Explain.
26. What are disadvantages of using Angularjs ?
27. How to optimize the angularjs code ?
28. Can we write multiple controllers ?
29. What is broadcast and emit ?
30. What is digest cycle in angularjs ?
31. What are $watch, $digest, $apply ? Explain.
32. What are $q, deferred, reject, resolve and notify ?
33. What are link and compile functions ? Explain ?
34. Scope: true and scope: false in angularjs custom directives ?
35. How to debug the code in angularjs ?
36. What is shared and inherited scope in angularjs ?
37. Differences between ng-if, ng-show and ng-hide ? which one is faster in performance ?
38. Differences between Get, Post, Put and Delete methods ?
39. What are single page applications ?
40. What are angularjs filters ? where you have applied ?
41. How to implement internationalization in angularjs ?
42. How to provide the security to your application ?
43. Explain about routing? Differences between ngRoute and up-router ?
44. What are the design patterns that you have used in your AngularJS application ?
45. What is dependency injection in angularjs ?
46. How you will inject the dependencies in your application ?
47. How you will repeat the collection of elements or records ?(say for example any json)
48. How you will limit or display the certain number of records/elements in angularjs(like in ng-repeat) ?
49. Where we can implement singleton design pattern in angularjs ? or how we can write singleton in angularjs ?
50. Few programs to write and output of few programs

**Bootstrap:**

1. Why we go for Bootstrap ?
2. Which version you are using and features ?
3. What are the advantages of Bootstrap ?
4. Differences between css and bootstrap ?
5. Differences between angularjs and bootstrap ?
6. Which bootstrap classes you have used in your application ?
7. How to implement pop-up model box in bootstrap ?
8. What are the class names for Desktops, Tablets and Mobiles ?
9. How many columns that we can use in bootstrap ? What will happen if we use more than that ?

jQuery:

1. What is the syntax of jQuery ?
2. Differences between javascript and jQuery ?
3. Differences between window.onload and onload and document.ready function ?
4. Differences between .on, .find and .bind functions ?
5. What is $ ?

Node.js:

1. What is node.js ? Which version that you are using ?
2. What are the features of Node.js ?
3. What are advantages and disadvantages of using Node.js ?
4. What is REPL ? Explain.
5. What is EventEmitter class ?
6. What is Event driven programming ?
7. Is Node.js single threaded or multi threaded ?
8. What is server.js file ?
9. How you will include modules using Node in your application ?
10. What is require function ?
11. How do you perform routing in Node.js ?
12. How do you connect either front-end or back-end using Node.js (with either UI or any database like MongoDB)?
13. What is Express ? How does it run on Node ?
14. What is chaining or piping in Nodd.js ?
15. What are the templates supported by Node.js ?
16. What are Node.js modules ? What you will use for FileSystem, to create web server, any database like MongoDB, CouchDB, any authentication ?
17. What are Node.js Streams and Buffers and how you will create their modules ?
18. How you will run your application ? Which port number you are using to run ? Where do you maintain this ?

npm and bower:

1. What is npm ? Which version that you are using in your application ?
2. What are the advantages of using npm and bower ?
3. What is bower ? Which version that you are using in your application ?
4. Why we go for npm and bower ?
5. What are bower.json and package.json ? What do they contain ?
6. How you will load your dependencies in your application ?

MongoDB:

1. What is NoSQL database ? Examples ?
2. Differences between RDBMS and NoSQL databases ?
3. How you will insert, update and delete the records/collections in/from MongoDB ?
4. How you will create, delete and show database in MongoDB ?
5. What is Namespace in MongoDB ?
6. How you will achieve primary and foreign key in MongoDB ?
7. What is ObjectID in MongoDB ? How it looks like ?
8. What is replication in MongoDB ?
9. What is indexing and aggregation in MongoDB ?
10. Differences between MongoDB and CouchDB ?
11. Can we write views, triggers, stored procedures in MongoDB ?

JSON:

1. What is JSON ?
2. What are the advantages and disadvantages of using JSON ?
3. Differences between JSON and XML ? Which one is better to use and which one is secured ?
4. What are JSON.stringify() and JSON.parse() ?

WebServices:

1. What are WebServices ? Why we use ?
2. What are different types of WebServices and Which WebServices that you have used in your application ? Explain.
3. What are SOAP and REST WebServices ? Explain.
4. What are the differences between SOAP and REST ? Which one is better to use and which one is more secured ?
5. What are the frameworks you will use to create WebServices ?
6. What is WebServices architecture ? Explain.
7. What is consumer and producer in WebServices ?
8. How you will create WebServices ?
9. How you will use or consume WebServices in your application ?
10. What are the methods available in REST ? Explain all.
11. What are Request param, and other parameters in REST ?

Agile(SCRUM):

1. What is Agile or SDLC process ?
2. Which methodology that you are following to develop your application ?
3. What is SCRUM ? Explain ?
4. What are Sprints ?
5. What is burndown chart ?
6. Who is your SCRUM master ?
7. How your team look like ? Explain your team structure ?
8. Who is client ? Who is your stakeholder ?
9. How much time or duration you will be there for your one sprint for your application ?
10. Who will assign or give the work or tasks to you ?

JIRA:

1. What is JIRA ? Why we use it ?
2. How you will get the either work or work items or user stories or tasks or defects ?
3. Which tool you use generally to track all your either tasks or work details or any status ?

Log4j:

1. What is Log4j ?
2. What are the advantages of using Log4j ?
3. What are the methods or levels of using Log4j ?
4. What is the order of levels/methods of Log4j ?
5. \*What is properties file in Log4j ?

GitHub:

1. What is Git ?
2. Differences between Git and SVN ? Which one is better to use and secured ?
3. How you will push your code to Git ?
4. What is your repository ? or version control ?
5. How you will commit, checkout, merge or pull your code using Git ?
6. How you will create and access master and branch using Git ?

Project:

1. What is your project ?
2. How many projects that you have involved till now ?
3. Explain about your project architecture ?
4. What are the design patterns that you have used to develop your application ?
5. Explain about your project flow ?
6. What is your role and responsibility in your application /project ?
7. What are the layers are available and in which you have involved in your application ?
8. Where do you keep all your front-end(UI) and back-end code in your application ?
9. Explain about your project folder structure ?

Manager and HR:

1. Tell me about yourself?
2. What are your day-to-day activities?
3. What is your first job on your daily work?
4. How you will interact with your customers or users?
5. What are your strengths and weaknesses?
6. Where do you want to see yourself in future or in 5 years?
7. How do you know or what do you know about our organization?
8. What is your current and expected salary ?
9. What is your notice period ? How you can manage?
10. In how many days that you can join ?
11. Why are you changing your current job or why do you want to change your job ?
12. What is your current company ? Which type of organization it is ? How many employees are there ? Where is it’s location? What is it’s url ?
13. Which position that you are looking like either to front-end(UI) or back-end ?
14. Are you ready to relocate ? Why?
15. Have you ever been travelled to Customer location anytime or anywhere?
16. What are the difficulties that you have faced in your application and how did you overcome from there?
17. Explain one situation that everyone is pointing you that you are the centre of contact person or else anyone is pinching you regarding any situation?

**Prepared By**

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