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SEM 5 IT IP QB

10 Marks questions

1. REST API and Principles of Rest API
2. Compare XML And JSON
3. React Component Life cycle
4. Buffers and Streams in Node JS
5. DNS and Working of DNS
6. What is NodeJS? Explain Features of NodeJS. State different type of Node JS modules.
7. Arrow Function in ES6.
8. What is Refs? When to use Refs and When not to use Refs?
9. Explain routing in ExpressJS?
10. Explain File System of NodeJs in detail.
11. Explain Flux architecture in detail.
12. Explain Promises in ES6 with an example.
13. Write a stepwise process to create an APP using ReactJS to print “Hello World”.
14. What is ExpressJS. Explain features of ExpressJS.
15. What is Web Browser. Discuss working of Web Browser in detail.
16. Explain Hooks in React JS.
17. Differentiate between ES5 and ES6
18. Explain HTTP and HTTPS protocol
19. You have been tasked to develop software for Hotel management. How will you divide functionality between the front end, back end, and database
20. Explain different types of components in React JS with an example.
21. Explain the Event loop in Javascript
22. With an example demonstrate the use of promise.
23. Explain event handling in Nodejs
24. Give a difference between XML and JSON
25. Give a difference between MVC, Redux and Flux
26. What is Web Browser? Discuss working of Web Browser.
27. Give a difference between var, let and const in ES6 with Examples
28. Difference between State And Props in React JS with examples
29. Write a Node JS program for following:

- i. Create a new file and add data into it.
- ii. Append more data in the same file at the end of existing data.
- iii. Read the file data without getting the buffer data.
- iv. Rename the file.
- v. Delete the file

5 Marks questions

1. JSX
2. JSON
3. URL vs URI
4. Arrow Function
5. REPL
6. HTML vs XML
7. How to declare variables in ES6
8. DNS
9. NPM
10. ES5 vs ES6
11. React Props
12. Cookies
13. Session
14. Difference between let and const keyword