**TYPESCRIPT MULTIPLE CHOICE QUESTIONS**

1. TypeScript is an \_\_\_\_\_\_\_\_\_\_\_\_ framework.
2. Licensed
3. Open-sourced
4. Commercial
5. Both, A and B
6. TypeScript is a typed superset of \_\_\_\_\_\_\_\_\_\_.
7. C#
8. Java
9. JavaScript
10. ReactJS
11. TypeScript file compiled into \_\_\_\_\_\_\_\_.
12. JavaScript
13. VBScript
14. TypeScript
15. None of the above
16. TypeScript can be used to write server side and client-side application.
17. True
18. false
19. Not applicable
20. None of the above
21. \_\_\_\_\_\_\_ command is used to generate a JavaScript file from a TypeScript file.
22. npm filename.ts
23. tsc fileName.ts
24. tsc -js fileName.ts
25. All of the above
26. Which of the following statement declares a variable in TypeScript?
27. var myVar = 123;
28. var myVar:number = 123;
29. let myVar:number = 123;
30. All of the above
31. Which of the followings are primitive types supported in TypeScript?
32. number
33. string
34. boolean
35. All of the above
36. Which of the following is a valid union type variable?
37. var emp:[number, string] = [1, "Steve"];
38. var emp:(number|string) = 123;
39. var emp:string[] = ["Bill"]
40. None of the above
41. Which of the following is a valid tuple?
42. var employee:[number, string] = [1, "Bill"]
43. var employee:(number|string) = 123;
44. var employee = [1, "Bill"];
45. None of the above
46. Type assertion in TypeScript is achieved using which of the following syntax?
47. Using <type> syntax
48. Using as syntax
49. Both A and B
50. None of the above
51. What will be the output of the following code snippet?

let arr = [10, 20, 30, 40];

for(var val of arr) {

console.log(val);

}

1. prints 10, 20, 30, 40
2. prints 0, 1, 2, 3
3. prints undefined
4. Compiler error
5. Which of the following is a valid arrow function?
6. let sum = (x: number, y: number) => x + y;
7. let sum(): (x: number, y: number):number => x + y;
8. let sum = (x: number, y: number) => return x + y;
9. let sum:(x: number, y: number) => x + y;
10. The rest parameters in a function is used when \_\_\_\_\_\_\_.
11. The types of parameters is not known
12. The number of parameters is not known
13. The function needs to be executed asynchronously
14. The function is called recursively
15. Which of the following statement is TRUE?
16. An interface can extend another interface in TypeScript.
17. An interface can extend a class in TypeScript.
18. TypeScript interface does not generate any JavaScript code.
19. All of the above
20. Which of the following are valid data modifiers in TypeScript?
21. public
22. private
23. protected
24. All of the above
25. Which of the following keyword is used to declare a module?
26. export
27. namespace
28. type
29. declare
30. Which of the followings is declared a namespace?
31. namespace test{ }
32. ns test { }
33. A & B both
34. export test(){ }
35. Which of the following command is used to compile a module?
36. tsc --module amd mymodule.ts
37. tsc -m amd mymodule.ts
38. Both, A and B
39. None of the above
40. Which configuration file is required to compile the whole TypeScript project?
41. tsconfig.js
42. tsconfig.json
43. web.config
44. app.json
45. Which of the following statement is TRUE?
46. TypeScript supports generics.
47. TypeScript supports readonly and static members.
48. TypeScript supports abstract class.
49. All of the above.