1. What is the primary purpose of responsive web design?

a. Making websites load faster

b. Providing a consistent user experience across different devices

c. Increasing search engine rankings

d. Enhancing website security

2. Which of the following is a front-end JavaScript framework/library?

a. Django

b. Flask

c. React

d. Express

3. Which protocol is used for secure data transmission over the web?

a. HTTP

b. HTTPS

c. FTP

d. TCP

4. In JavaScript, what is the purpose of the setTimeout function?

a. Execute a function after a specified delay

b. Set the interval for a function to be executed

c. Define a timeout for AJAX requests

d. Determine the time zone of the user

5. Which property is used to change the text color in CSS?

1. text-color
2. color
3. font-color
4. text-style

6. What is the virtual DOM in React?

a. A representation of the actual DOM in memory

b. A special type of HTML used in React components

c. A component that is not rendered in the browser

d. A server-side rendering technique

7. In React, what is the significance of props?

a. They are used for styling components

b. They are used for passing data from parent to child components

c. They are used for defining component structure

d. They are used for handling form submissions

8. Which command is used to create a new React application using Create React App?

a. create-react

b. react-create-app

c. npm init react-app

d. npx create-react-app

9. In React, what is the purpose of JSX?

a. A styling language

b. A templating engine

c. A markup syntax extension for JavaScript

d. A routing library

10. which of the following package is used to connect api in react.

1. Axios
2. Http Client
3. APIJS
4. None of the Above.

11. How do you create a new object in JavaScript?

A. var obj = {};

B. var obj = Object();

C. var obj=new {};

D. None from the options

12. How do you maintain the data updation in component

1. useState hook
2. useData hook
3. useService hook
4. useGrant

13. How will you pass data from parent to child?

1. using props
2. using data
3. using state
4. using redux

14. \_\_\_\_\_\_\_\_ is the way to do expressions in react

1. []
2. ()
3. {}
4. {{}}

15. \_\_\_\_\_\_ is the property that is used to give a class for styling to an element in react

1. className
2. class
3. Name
4. Css