SUBJECT CODE: 19CS/MC/FW54

B.C.A. DEGREE EXAMINATION – NOVEMBER 2022
FIFTH SEMESTER

COURSE   : MAJOR CORE
PAPER   : FUNCTIONAL WEB DEVELOPMENT
TIME   : 1 ½ HOURS   MAX. MARKS: 50

SECTION – A

ANSWER ALL THE QUESTIONS   **(10 X 1 = 10)**

1. One of the most popular tools for transpiling is _____.
2. A _____is a piece of reusable code that can easily be incorporated into other JavaScript files.
3. _____is a technique that involves creating functions that recall themselves.
4. _____is billed as a module bundler.
5. A _____ is a function that handles the transformations that we want to put our code through during the build process.
    i)Loader   ii) Linker   iii) Compiler   iv) Assembler

6. _____ is a design pattern developed at Facebook that was designed to keep data flowing in one direction.
7. The arbitrary inputs of components in react is also known as _____.
    i) Elements   ii) props   iii) Keys   iv) Ref

8. ReactJS is mainly used for building _____.

    i) Database   ii) Connectivity   iii) User interface   iv) Design platform
9. _____ method refers to the parent class in React.js
    i) Inherits ()   ii) self ()   iii) super ()   iv) this ()
10. _____ is the process of defining endpoints for your client's requests
    i) Routing   ii) Requesting   iii) Reporting   iv) Replying

SECTION - B

ANSWER ALL THE QUESTIONS: **(5 X 2 = 10)**

11. What is the use of Arrow function?
12. What do you mean by Minification?
13. Define Reflux.
14. Mention the use of router parameters.
15. What is the use of action with Redux Thunks?

SECTION - C

ANSWER ANY SIX OF THE FOLLOWING: **(6 X 5 = 30)**

16. Explain the Spread operator with suitable example.
17. Explain any two concepts of functional programming.
18. Describe ES6 Classes and Stateless Functional Component.
19. Discuss Text input in forms with suitable example.
20. Explain Isomorphism versus Universalism
21. Explain CRUD operations in ReactJS.
22. Write short notes on Babel.
23. Explain the following
      i)   Webpack   ii) Refs

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