(**R20**)

III B. TECH II SEMESTER REGULAR EXAMINATIONS APRIL - 2023
FRONT END DEVELOPMENT
(CSE - INTERNET OF THINGS, CYBER SECURITY INCLUDING BLOCKCHAIN TECHNOLOGY)

Time: 3 hours   Max. Marks: 70

Note: Answer **ONE** question from each unit **(5 × 14 = 70 Marks)**

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UNIT-I

1. a) Explain HTML5 Semantics with suitable examples. [7M]

    b) Design a web page for displaying the grocery items in a table for a grocery shop. [7M]

(OR)

2. a) Design a web page to drag and drop an object on a web browser using a mouse. [6M]

    b) Develop CSS code that defines five classes of paragraph with different background, color, margins, padding and border style. [8M]

UNIT-II

3. a) Demonstrate Default arguments with suitable example. [7M]

    b) Explain Destructuring elements explain with suitable examples. [7M]

(OR)

4. a) Demonstrate Higher Order functions and give suitable examples. [7M]

    b) Develop a Java script function for Inheritance using Higher order functions. [7M]

UNIT-III

5. a) List the different phases of the component lifecycle? Explain with examples. [7M]

    b) Explain how to create a Color-box app using React JS? [7M]

(OR)

6. a) Differentiate between Presentational and Container components with examples. [8M]

    b) Explain the following with example [6M]
    (i) JSX   (ii) Modules.

UNIT-IV

7. a) Illustrate a ReactJS program for validating props with create class. [7M]

    b) Explain React State Management with an example. [7M]

(OR)

8. a) Explain React Nesting Routes with an example. [6M]

   b) Demonstrate the following with example. [8M]

   (i) useState()   (ii) useMemo()

UNIT-V

9. a) Discuss the need of Date Picker tool in React JS explain with example. [7M]

   b) What is MongoDB? Develop a program for Update Document and Delete Document in MongoDB. [7M]

(OR)

10. a) Explain indexes in MongoDB? Develop a database to create collection in MongoDB. [7M]

    b) Differentiate MongoDB with other data bases. [7M]

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