

(R20A0516) FULL STACK DEVELOPMENT

QUESTION BANK

UNIT-I

1. What is a Tag in HTML? Can you define HTML attributes?
2. What is the key difference between HTML Elements and Tags? Also, Can you separate sections of texts in HTML?
3. If you want to display some HTML data in a table in tabular format, which HTML tags will you use?
4. What are Attributes in HTML?
5. What is an Anchor tag in HTML?
6. What are Lists in HTML?
7. Define HTML Layout.
8. What are Forms in HTML?
9. What are the several forms of CSS?
10. List the benefits of CSS?
11. Define CSS frameworks?
12. What are the ways in which CSS can be integrated as a website?
13. What merits and disadvantages do External Style Sheets offer?

UNIT-II

1. What are the features of JavaScript?
2. How can you create an object in JavaScript?
3. What is a name function in JavaScript & how to define it?
4. Can you assign an anonymous function to a variable and pass it as an argument to another function?
5. What is argument objects in JavaScript & how to get the type of arguments passed to a function?
6. What are the scopes of a variable in JavaScript?
7. Explain Functions in JS AJAX ?
8. Explain how data exchange with server?

UNIT-III

1. Differentiate between Real DOM and Virtual DOM.
2. What is React?
3. What are the features of React?
4. List some of the major advantages of React.
5. What are the limitations of React?
6. What is JSX?
7. What do you understand by Virtual DOM? Explain its working.
8. Why can't browsers read JSX?
9. How different is React's ES6 syntax when compared to ES5?
10. How is React different from Angular?

UNIT-IV

1. How do you reverse a string in Java?
2. How do you swap two numbers without using a third variable in Java?
3. Write a Java program to check if a vowel is present in a string
4. Write a Java program to check if the given number is a prime number.
5. Write a Java program to print a Fibonacci sequence using recursion
6. How do you check if a list of integers contains only odd numbers in Java?
7. Explain Model View Controller (MVC)
8. Explain Pattern MVC Architecture using Spring?
9. What is API in spring?
10. Explain Spring Framework?

UNIT-V

1. What is the difference between SQL and MySQL?
2. What are the different subsets of SQL?
3. What do you mean by DBMS? What are its different types?
4. What do you mean by table and field in SQL?
5. What are joins in SQL?
6. What is the difference between CHAR and VARCHAR2 datatype in SQL?
7. What is the Primary key?
8. What are Constraints?
9. What is the difference between DELETE and TRUNCATE statements?
10. What is a Unique key?
11. Explain JDBC Agile development principles