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Third Year B.C.A. Semester –V
Examination March-2023
Advanced Web Designing

Seat No:

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[Time: Three Hours]

[Max. Marks:70]

Student's Signature

- Instructions:**
- 1) All Questions Are Compulsory.
 - 2) Figures To The Right Indicate Full Marks.
 - 3) Provide Proper Example As And When Require.
 - 4) Mention Your Options Clearly.

Q.1 Answer the following questions: (Any Seven) [14]

1. Explain how NoSQL is better than SQL?
2. Discuss Database Creation and Dropping.
3. List Data types supported by MongoDB.
4. List Features of MongoDB.
5. Write about Aggregation commands.
6. Write about limit() and sort().
7. Explain how to create DropDown list component in React.js?
8. Explain Operators available in React.js.
9. What is List?
10. What is ng-show and ng-hide?

Q.2 Answer in detail: (Any two) [14]

1. Explain briefly how to add, handle and submit the React.js form.
2. Explain Hooks with advantages.
3. Explain Filters in Angular JS.

Q.3 Do as directed: [14]

[A] Answer the following: (Any Two) [10]

1. Explain how to use Conditional Statements in React.js?
2. Explain about React Components.
3. How to embed Angular JS in HTML?

[B] Attempt the following: [04]

1. Write about characteristics of Angular JS.

Q.4 Write a code for the following: (Any two) **[14]**

1. Write a code using React.js which displays "Hello World".
2. Write an Angular JS code which accepts and validates "Name" and "Mobile No" from user.
3. Create a form in React.js with Language Selection label, Drop Down List which contains different Languages, and Submit button Components.

Q.5 Write a short note on following: (Any two) **[14]**

1. CRUD operations
2. React Events
3. MVC Architecture
4. Props with example