



RAN-2311000701010002

M.Sc. (I.C.T.) (Sem. - I) Examination November - 2025
Application Development using React.js (Paper - 101)

Time: 3 Hours]

[Total Marks: 70

સૂચના : / Instructions

(1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.

Fill up strictly the above details on your answer book.

Seat No.:

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Student's Signature

Q.1. Answer the following.

[14]

1. What are the CSS properties for image?
2. How to use template string in JavaScript?
3. Explain the use of image maps.
4. What are the rules of XML?
5. Explain toggle() in jQuery.
6. How to get objects of all the paragraphs in a web page using JavaScript?
7. What is SPA?

Q.2. Answer the following. (Any TWO)

[14]

1. What are the different ways to select elements in jQuery? Explain with example and code.
2. Write a note on client side storage techniques using JavaScript.
3. List and explain AJAX api of jQuery with example.

Q.3. Answer the following in detail. (Any TWO)

[14]

1. Explain the ways to use CSS in a React app.
2. Explain useState() in React with example.
3. What are the various use cases of useEffect() hook in React?

Q.4. Answer the following in detail. (Any TWO)

[14]

1. How to improve the search engine ranking of any website?
2. Explain use of useContext() with example.
3. Write a detailed note on version control tools and commands.

Q.5. Answer the following in detail. (Any TWO)

[14]

1. How to improve UI/UX of a web application?
2. List and explain git commands.
3. How to link and navigate components in a React app?