

Welcome! Jeevan R SRM Easwari Engineering College, Chennai

My Assessment

SRM EEC PO-2025 Stream-I 18 JUL 24 DAY-10 AN

Quiz · 15 mins

- 1. Which of the following is a key feature of ReactJS?
  - Virtual DOM
  - Real DOM
  - Shadow DOM
  - Document DOM

2. What is the purpose of Babel in a ReactJS environment?

○ To manage application state
<ul> <li>To style components</li> </ul>
○ To handle HTTP requests
3. What is the first step to set up a ReactJS environment?
○ Install a text editor
<ul><li>Install Node.js and npm</li></ul>
Write the first React component
<ul><li>Deploy to a web server</li></ul>
4. What are components in ReactJS?
Functions that return HTML elements
<ul><li>CSS stylesheets</li></ul>

○ Web servers
5. Which command is used to create a new ReactJS project?
npm install -g create-react- app
○ npm start new-react-app
npx create-react-app my-app
○ react new my-app
6. What is ReactJS primarily used for?
Back-end development
<ul><li>Front-end development</li></ul>
Mobile app development

7. F	łow does the Virtual DOM improve
р	erformance in ReactJS?

- By reducing the number of direct DOM manipulations
- O By increasing the size of the DOM tree
- O By refreshing the entire page on each update
- $\bigcirc$  By writing to the local storage

- 8. What is the command to create a new ReactJS project using Create React App?
  - npm create new-app
  - npm start new-react-app
  - npx create-react-app my-app

9. Which of the following is NOT a typical file or directory in a new ReactJS project created with Create React App?
o node_modules
○ public
○ src
<ul><li>database</li></ul>
10. Which hook in ReactJS is used to manage state in functional components?
<ul><li>useState</li></ul>
<ul><li>useState</li><li>useEffect</li></ul>
useEffect

local development server runs on when you start a new ReactJS project with Create React App?
<ul><li>3000</li></ul>
○ 8080
○ 8000
○ 5000
12. Which tool is recommended for managing different versions of Node.js?
o npm
nvm (Node Version Manager)
○ Docker
○ Webpack
13. What is the Virtual DOM in ReactJS?

A lightweight copy of the actual DOM
A server-side rendering technique
A database used by React applications
14. What is JSX in ReactJS?
A JavaScript-based XML syntax
○ A CSS preprocessor
○ A JavaScript function
○ A database query language
15. Who created and maintains ReactJS?
○ Google





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