1 . What is the correct syntax for embedding a JavaScript variable in JSX?  
 a) { variable } b) variable  
 c) ${ variable } d)# variable

Ans : a

2. JSX is processed into...?  
 a) javaScript Objects b) HTML strings   
 c) Virtual DOM Nodes d) Regular DOM Nodes  
  
Ans : a  
  
3. JSX stands for ...?  
 a) json b) json XML  
 c) javaScript XML d) Javascript and Angular js

Ans : c  
  
  
4. Which one is correct way to create a component ...?  
 a) const Msg = ()=> {return “Good Morning”}   
 b) const Msg = ()=> “Good Morning”  
 c) const msg = ()=> {return “Good Morning”}   
 d) Both a & b

Ans : d

5. What are component in Reactjs ...?  
 a) Component are like function that return JSX elements  
 b) Component are the HTML element  
 c) Component are the set of variable defined in Reactjs   
 d) None

Ans : a

6.Which file contains the information of dependency & build command...?  
 a) .gitignore   
 b) package.json  
 c) node\_module   
 d) None

Ans : b

7 . What does Vite’s “HMR” stand for?

a) Hot Module Replacement  
 b) Hyper Module Reload  
 c) High-speed Module Rebuild  
 d) Hot Model Replacement

Ans A

8. Example of bundlers ...?  
 a) webpack  
 b) parcel  
 c) vite   
 d) All

Ans : d

9. Which field in package.json is used to list development dependencies??  
 a) devDependencies  
 b) buildDependencies  
 c) testDependencies  
 d) optionalDependencies

Ans : a  
  
**What feature of bundlers helps reduce the size of the final output file by eliminating unused code?**

* A) Code splitting
* B) Minification
* C) Tree shaking
* D) Transpiling

**Answer:** C) Tree shaking

**What is "minification" in the context of a bundler?**

* A) Removing comments and whitespace from code to reduce file size
* B) Adding source maps to code
* C) Splitting code into smaller files
* D) Transpiling code to different versions

**Answer:** A) Removing comments and whitespace from code to reduce file size

4. How is data passed between React Components ? Ans – d

1. Using global variables
2. Through function parameters
3. Via HTTP requests
4. Using props

7. In React , What does the term “props” stand for ? Ans – a

1. Properties
2. Procedures
3. Prototypes
4. Parameters

8. What is the purpose of the onClick event handler in React ? Ans – b

1. Handling keyboard events
2. Triggering an action when a button is clicked
3. Managing state changes
4. Controlling page navigation

9. What is the return value of the UseState hook ? Ans – c

1. Current state
2. Function updating the current state
3. Pair of current state and function updating it
4. useState returns nothing

10. What is the “Key” props – ans B

1. “Key” prop is just there to look pretty and there is no benefit whatsoever
2. Key prop is a way for react to identify a newly added item in a list and compare during “diffing” algorithm
3. It is one of the attribute in HTML
4. All I know is that is not commonly used in array

  




