Vue.js Questions

1. What directive is used to bind data to an element's attribute in Vue.js?

 a) v-if

 b) v-bind

 c) v-for

 d) v-model

 Answer: b) v-bind

2. How do you pass data from a parent component to a child component?

 a) Using events

 b) Using props

 c) Using computed properties

 d) Using methods

 Answer: b) Using props

3. What is the directive used for two-way data binding in Vue?

 a) v-text

 b) v-bind

 c) v-model

 d) v-show

 Answer: c) v-model

4. What is the default file extension for Vue single-file components?

 a) .vue

 b) .js

 c) .jsx

 d) .html

 Answer: a) .vue

5. Which Vue feature allows you to write reusable logic across components?

a) Filters

b) Mixins

c) Slots

d) Directives

Answer: b) Mixins

6. What is the purpose of the key attribute in Vue lists rendered by v-for?

a) To bind data to the element

b) To improve rendering performance and help Vue track elements

c) To conditionally render elements

d) To bind styles

Answer: b) To improve rendering performance and help Vue track elements

7. In Vue 3 Composition API, which function is used to create a reactive reference to a primitive value?

a) reactive()

b) ref()

c) computed()

d) watch()

Answer: b) ref()

8. In Vue Router, which mode uses the HTML5 History API to remove the hash from URLs?

a) hash mode

b) history mode

c) abstract mode

d) native mode

Answer: b) history mode

9. How do you globally register a component in Vue 3?

 a) Use app.component('ComponentName', ComponentObject) on your Vue app instance

 b) Use Vue.component()

 c) Import the component inside every file where it's used

 d) Add it to the router

 Answer: a) Use app.component('ComponentName', ComponentObject) on your Vue app instance

10. What is the purpose of the provide and inject API in Vue?

 a) To pass data from parent to child only via props

 b) To allow deeply nested components to share data without prop drilling

 c) To bind event listeners

 d) To define lifecycle hooks

 Answer: b) To allow deeply nested components to share data without prop drilling