

## Section 1: JavaScript

Q1. What are different ways to change the function execution context

1. Call, Apply, Bind ✓
2. Only Call
3. Only Apply
4. Only Bind

Q2. Which function removes the last element from an array and returns that element?

1. Push
2. Pop ✓
3. Delete
4. Link

Q3. Functional components in JavaScript are

1. Fixed-class functions
2. First-class functions ✓
3. Both A and B
4. None of the above

Q4. How can we extend the default object(or instance) with new properties

Mention as Capital O Object

1. Call Object.add
2. Call Object.method
3. Call Object.methods
4. Assign to Object.prototype ✓

Q5. Which method returns the character at the specified index of string?

1. characterAt()
2. getCharAt()
3. charAt() ✓
4. None of the above

Q6. Constants are block scope

1. True ✓
2. False

Q7. In JavaScript, Arrays are data type

1. True
2. False ✓

Q8. Can we assign new properties to an object that is declared with const keyword?

1. True ✓
2. False

Q9. Which JavaScript method is used to convert a number to a string?

1. toString() ✓
2. intToString()
3. parseIntIntegerStr()
4. All of the above

Q10. How to get prototype of an object

1. Object.getPrototypeOf ✓
2. Object.getProto
3. Object.getPrototype
4. None of the above

## Section 2: React

Q1. Which of the following API is a MUST for every ReactJS component (Class based)?

1. getInitialState
2. render ✓
3. renderComponent
4. None of the above

Q2. What is used to handle code-splitting?

1. React.lazy ✓
2. React.memo
3. React.fallback
4. React.split

Q3. Why is ref used?

1. To bind a function
2. To call a function
3. To directly access the DOM node ✓
4. To refer to another JS file

Q4. In which of the following cases does the useEffect with empty dependencies will be called?

1. During setState
2. During mount phase ✓
3. During update phase
4. Will not be called

Q5. Keys are given to a list of elements in react. These keys should be

1. Unique in the DOM
2. Unique among the siblings only ✓
3. Do not require to be unique
4. None of the above

Q6. useState hook returns

1. Object
2. Array ✓
3. Function
4. Promise

Q7. Which is the closest alternative for useState hook

1. useCallback
2. useReducer ✓
3. useRef
4. All of the above

Q8. What is the right parameter for useContext hook call?

1. Value from useState call
2. Value from React.createContext call ✓
3. Both 1 & 2
4. None of the above

Q9. What does React implements under the hood

1. Virtual DOM ✓
2. Shadow DOM
3. React DOM
4. All of the above

Q10. In React 16.8 which hook represents lifecycle event shouldComponentUpdate

1. useMemo
2. React.memo ✓
3. useEffect
4. useCallback