

### **jQuery – 6 Implementation-Based Questions:**

1. Create a jQuery script to hide and show a paragraph when a button is clicked.
2. Write a jQuery program to change the background color of a div when the mouse enters and leaves it.
3. Use jQuery to create a simple image slider that automatically changes images every 3 seconds.
4. Implement a jQuery function that validates a form with name and email fields (check if fields are not empty and email format is valid).
5. Build a to-do list using jQuery where tasks can be added and removed dynamically.
6. Create a jQuery animation that moves a box from left to right when a button is clicked.

### **SVG – 6 Implementation-Based Questions:**

1. Create an SVG element that includes a rectangle, a circle, and a line with different colors.
2. Apply a linear gradient fill to an SVG rectangle.
3. Animate an SVG circle to move horizontally using CSS animation.
4. Create an interactive SVG shape (e.g., a star or circle) that changes color on hover using JavaScript.
5. Use the `<path>` element in SVG to draw a custom shape and animate its stroke using CSS.
6. Design an SVG-based bar chart using rectangles, where heights represent different data values.

