



Practical Qs

1. Create a poster using layers, text, and blending options.
2. Create a filter to format dates.
3. Write a script to validate form inputs dynamically.
4. Write a program using `setTimeout` to print numbers 1 to 5 with a delay.
5. Implement a program that finds the largest number in an array.
6. Create a function that checks if a number is prime.
7. Write a program to reverse a string without using built-in functions.
8. Write a JavaScript program to check whether a given string is a palindrome or not.
9. Create a program to count the number of vowels in a string.
10. Write a JavaScript function to generate the Fibonacci series up to 10 terms.
11. Implement a program to sort an array of numbers in ascending order without using `sort()`.
12. Write a program to swap two numbers without using a third variable.
13. Write a JavaScript program to calculate the sum of digits of a given number.
14. Create a responsive grid with W3.CSS.
15. Design a card layout using W3.CSS.
16. Create a hover effect with transitions.
17. Implement a CSS animation with `@keyframes`.
18. Use `<canvas>` to draw a simple shape.
19. Embed audio and video with custom controls.
20. Implement a form with validation attributes (required, pattern, min, max).

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O Level M2R5.1 Web Designing Practical & Viva Qs

Viva Qs

1. Difference between JPEG, PNG, and PSD formats.
2. What is the use of layers in Photoshop?
3. Difference between raster and vector graphics.
4. What is \$scope and how is it used?
5. What are directives in AngularJS?
6. Difference between == and ===.
7. Difference between var, let, and const.
8. What are W3.CSS containers and panels?
9. Difference between em, rem, %, and px units.
10. How does z-index work?
11. What is the difference between inline, internal, and external CSS?
12. Explain specificity in CSS selectors.
13. Difference between static, relative, absolute, fixed, and sticky positioning.
14. What is the purpose of <meta> tags?
15. Explain the difference between <iframe> and <embed>.
16. What are semantic tags and why are they important?
17. Difference between <div> and <section>.
18. What is the difference between **static** and **dynamic** websites?
19. What is **responsive web design** and why is it important?
20. What is the difference between **client-side** and **server-side** scripting?
21. Explain the concept of **SEO (Search Engine Optimization)** in web publishing.
22. What is the purpose of **CMS (Content Management System)**?
23. What are **absolute** and **relative URLs**?