

## Question Bank

### Part A – Short Answer Questions (2–3 marks each)

1. What is HTML? Mention its main purpose in web designing.
  2. Write any four differences between HTML and HTML5.
  3. Define “CSS” and explain its role in web designing.
  4. List any four HTML attributes with examples.
  5. What is the difference between an ordered list and an unordered list in HTML?
  6. Explain the use of `<meta>` tag in HTML.
  7. What is the purpose of the `alt` attribute in the `<img>` tag?
  8. Name any four HTML5 semantic elements and their uses.
  9. What is the difference between inline CSS and external CSS?
  10. Define the term "responsive web design".
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### Part B – Medium Answer Questions (5–6 marks each)

11. Explain the structure of a basic HTML5 document with an example.
  12. Describe the different types of CSS with suitable examples.
  13. Explain the use of HTML forms. Describe any four form elements.
  14. What are HTML tables? Explain with an example of a table having `<thead>`, `<tbody>`, and `<tfoot>`.
  15. Write short notes on:
    - o a) Class and ID selectors in CSS
    - o b) Pseudo-classes in CSS
  16. Explain the use of `<header>`, `<nav>`, `<section>`, and `<footer>` tags in HTML5 with examples.
  17. List and explain any five new features introduced in HTML5.
  18. Differentiate between `<div>` and `<span>` with examples.
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### Part C – Long Answer / Descriptive Questions (8–10 marks each)

19. Create an HTML5 web page structure for a "College Website" including:
    - o Header, navigation menu, main content, sidebar, and footer.
    - o Apply CSS for styling headings, links, and background.
  20. Explain HTML5 form validation attributes with examples.
  21. Describe CSS box model with a neat diagram.
  22. Discuss CSS positioning (static, relative, absolute, fixed, sticky) with examples.
  23. Explain HTML5 audio and video embedding with examples.
  24. Write and explain the code for creating a responsive 2-column layout using CSS Flexbox.
  25. Discuss the advantages and limitations of HTML5 over previous versions of HTML.
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## **Part D – Application / Practical-Oriented Questions**

26. Write HTML & CSS code to design a personal profile webpage containing:
  - Profile photo, name, bio, contact information.
27. Create a navigation bar with drop-down menus using HTML and CSS.
28. Design a product catalog page using HTML tables and CSS styling.
29. Create a photo gallery layout using HTML5 `<figure>` and CSS Grid.
30. Develop an HTML5 form for online registration with built-in validation.