

# Super Important and Important questions for WTA-18CS63

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## Module-1-5 SIMP questions

1. Explain standard HTML document structure with suitable tags, also explain the following tags with syntax and examples.

a) <p> b) <strong> c) Headings d) <img> g) <img> h) <a> i) <br /> j) <pre>

2. What are selectors? Explain with examples of different types of selector forms.

3. Explain the following

(i) Difference between HTML and HTML5

(ii) CSS and its uses

(iii) History of markup languages

(iv) Style sheets in CSS

4. What are the three aims of HTML 5 and expand the following HTML, XML, DOCTYPE, and PHP?

5. How lists are handled in HTML? Design an HTML code to illustrate the nested list.

6. Develop HTML code for the following table also explain the following wrt table

Explain the following, with respect to table creation in XHTML documents:

a) table, tr, th and td tags b) align and value attributes. c) rowspan and colspan attributes. d) Cell padding and cell spacing attributes

	Average		Red eyes
	height	weight	
<b>Males</b>	1.9	0.003	40%
<b>Females</b>	1.7	0.002	43%

7. Develop HTML code for the below application form and also explain the following wrt forms

a) Textbox b) Checkbox c) Radio button d) Menu

Personal Details

Salutation  
--None--

First name:

Last name:

Gender : ☐ Male ☐ Female

Email:

Date of Birth:

Address :

Submit

8. Identify the approaches to CSS layouts and explain them in detail, also illustrate why responsive design is important.
9. Explain the positioning of elements and floating elements in detail
  - b. How to change the properties of elements using innerHTML and style (node) properties.
10. Explain with a neat diagram how the form works? Discuss query strings and microformats.
11. What are the different ways of accessing HTML document elements in javascript, explain major uses of JS on the client side
12. Describe the different ways an array object can be created(including declaring and accessing) in javascript. Explain the array methods with an example.
13. Write a javascript code that displays the text “TAKEITEASY ENGINEERS” with increasing font size in the interval of 100ms in RED colour, when the font size reaches 50 pt. it should stop increasing.
14. Write a JS code that calculates squares and cubes of numbers from 0 to 15 and outputs HTML text that displays the resulting value in an HTML table format
15. List and explain the different events – i) frame events ii) mouse events iii) keyboard events iv) form events
16. Discuss the alternative syntax of the control structure
17. Write a PHP program to demonstrate the session. Program: Store page view count on refresh.

OR

Write a PHP program to greet the user based on time

18. Construct a DOM tree and write a JS to display the sum of two elements, Make use of the appropriate DOM method.
19. Explain \$\_GET and \$\_POST superglobal arrays
20. How do you read or write a file on the server from PHP? Give example.
21. Explain with examples object-oriented design support for inheritance and object interfaces in PHP
22. How is exception handled in PHP also how to explain how error reporting is done in PHP
23. Write a PHP program to create a class STUDENT with the following specification.  
Data members: Name, Roll number, Average marks  
Member function: Read and write  
Use the above specification to read and print the information of 2 students.
24. Explain the following
  - i) Cookie, its uses and types (ii)Any 3 query form selectors
  - iii)SOAP and RESET services (iv)Caching and different types of caching (20M)
25. Why is the state a problem for web applications? Explain.
26. What is a cookie? What is its purpose of it? Demonstrate cookies with the PHP program
27. How are JSON values accessed in PHP? Explain with example
28. Write short notes on i) XML ii) XPath iii)AJAX iv)Serialization and its applications(20M)

29. Write the DTD for the following XML code

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE note SYSTEM "Note.dtd">
<note>
<to>Tove</to>
<from>Jani</from>
<heading>Reminder</heading>
<body>Don't forget me this weekend!</body>
</note>
```

COs Covered:

- Adapt HTML and CSS syntax and semantics to build web pages.
- Construct and visually format tables and forms using HTML and CSS
- Develop Client-Side Scripts using JavaScript and Server-Side Scripts using PHP to generate and display the contents dynamically.
- Appraise the principles of object-oriented development using PHP
- Inspect JavaScript frameworks like jQuery and Backbone which facilitates developers to focus on core features.

Notes: <https://takeiteasyengineers.com/category/cse-ise/6th-sem-cse-ise/web/>