

MCA 20 Advance Web Technology

SET : 1

Section-A

(Very Short Answer Questions)

- (i). What are pseudo classes in CSS?
(ii). Name three ways to define a colour in html.
(iii). What is the difference between == and === in JavaScript?
(iv). What is a JavaScript object?
(v). Define XML namespace.
(vi). Is HTML case sensitive?
(vii). What is the strict mode in JavaScript?
(viii). What Boolean operators does JavaScript support?
(ix). Define a class and an Id in CSS.
(x). What is negative infinity in JavaScript?

Section-B

(Short Answer Questions)

2. What are basic HTML tags? Explain with an example how to use them?
3. How to create an XML Document? Explain it with an example.
4. Explain the type of object system supported by JavaScript?
5. Define XMLHttpRequest object. Write a snippet to create an XMLHttpRequest Object?
6. Write a HTML snippet to set background with CSS.
7. Differentiate between “visibility:hidden” and “display:none”? What are the advantages and disadvantages of using display:none in CSS?
8. Write a JavaScript to calculate the sum of 1+2+3+..... up to a specified number using for loop.
9. In JavaScript, what is event handling? What are the two types of events?

Section-C

(Long Answer Questions)

10. What is a sprite? With help of an example explain how is it applied using CSS? What is the benefit?
11. Discuss the three ways of inserting the style sheet on HTML page: External style sheet, internal style sheet & multiple style sheet. Write examples for each.
12. Write HTML and JavaScript code for the following requirements:
Declare an Array with the identifier SUBJECT having length 5. Assign following values to the array elements: MIS, Java, Algorithms, Databases, C++. Show all values in reverse order.
13. Write notes on the following:
(i). XHTML (ii). XSLA (iii). XML Parser
(iv). XML Element (v). XML Entity.

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SET : 2

Section-A

(Very Short Answer Questions)

1. (i). What is HTML DOCTYPE?
(ii). What is a web application?
(iii). What is event bubbling in Java Scripting?
(iv). What is the CSS box model?
(v). What is the default/initial value for "position" in CSS?
(vi). Write the full form of XHTML.
(vii). Define XML Element.
(viii). Define Event Handler in JavaScript.
(ix). What is "this" in JavaScript?
(x). What is JavaScript name spacing?

Section-B

(Short Answer Questions)

2. What is HTML? Discuss how we can write comments into HTML code with an example.
3. What is XML? Explain how is it different from HTML?
4. What are the advantages and disadvantages of External Style Sheets in CSS?
5. What are Link and Hyperlink in HTML? Write a snippet to link an image with in HTML.
6. Explain margin and padding with examples in CSS.
7. Discuss with the help of an example, how CSS can be used with XML?
8. Write a JavaScript to display the current date and time using dense arrays.
9. Write the syntax to open a new window in JavaScript. How to customize the look of a window using JavaScript?

Section-C

(Long Answer Questions)

10. What are the different CSS properties used to change dimensions and what values can they accept? Discuss with the help of example.
11. How elements are defined in HTML? What is the nested element in HTML? Explain each with programming implementation.
12. What are objects in JavaScript? How to create function in JavaScript? Discuss the following with examples: (i). Functions with Parameters, (ii). Functions that return a value.
13. Write note on the following:
(i). XML Namespaces and Linking (ii). XPath in XML (iii). SAX in XML
(iv). DOM in XML. (v) XML Prolog.