

Code: A-I337125-A

I Semester Exam – 2022-23

3 x 80

Std.: XII

Sub: INFORMATION TECHNOLOGY (97)

Marks: 80

Date: 18/11/2022

Roll No.: _____

Time: 2½ Hrs.

Q 1. Fill in the blanks.

[10]

- _____ is an open container and free audio format.
- _____ statement in Javascript is used to jump out of loop i.e. to make early exit from a loop.
- An external stylesheet must be saved with a _____ extension.
- The full form of XML is _____.
- _____ tag is used to specify multiple resources for media element,
- _____ input restriction in HTML5 specifies a regular expression to check the input values.
- _____ method of DOM object is used to find an element in HTML5.
- The _____ value of http-equiv attribute of <meta>tag will refresh the page in specified seconds.
- The _____ decision statement in Javascript tests the value of given expression against a list of case values.
- The _____ wildcard character is used as universal selector in CSS.

Q 2. True/False

[10]

- <meta> tag is an empty tag.
- To run Javascript programs special software is required.
- Shared hosting is not cost effective.
- Window object is the parent object of all other objects in Javascript.
- The <Inline> element creates an inline frame.
- Timeout() method of window object calls a function or evaluates an expression after specified number of milliseconds.
- In the range control of HTML5, the default value of range is 0 to 100.
- load event handler in Javascript occurs when page or image has been loaded.
- start attribute can be used with both and tag in HTML5.
- ceil(x) method of Math object in Javascript returns the next integer greater than or equal to a given number.

Q 3. Multiple Choice Single Answer

[10]

- Internal stylesheet uses the _____ tag inside the head section
a. <meta> b. <title> c. <style> d. <sheet>
- _____ property of window object sets of returns the text in the status bar of a window.
a. name b. location c. status d. document
- _____ input restriction specifies that an input field must be filled out.
a. pattern b. required c. placeholder d. disabled
- In Javascript, _____ method of string object returns the character at the specified position.
a. char() b. indexOf() c. charAt() d. lastIndexOf()
- _____ is the default value of type attribute of tag.
a. 1 b. A c. a d. i
- _____ method of Math object in Javascript returns square root of a number.
a. abs(x) b. cbrt(x) c. sqrt(x) d. root(x)

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7. _____ attribute of <Audio> tag starts playing the sound as soon as it is ready.
a. loop b. autoplay c. autostart d. src
8. _____ method of Date object in Javascript returns day of the month from 1 to 31.
a. getDate() b. getDay() c. setDate() d. setDay()
9. The _____ attribute acts as a pointer which indicates that the image is a client side image map.
a. shape b. href c. usemap d. ismap
10. In Javascript, _____ method of Number object converts the given string into an integer number.
a. isInteger() b. parseFloat() c. isFixed() d. parseInt()

Q 4. Multiple Choice Multiple Answers (2 Correct)**(20)**

1. In CSS, the float property can have the values, _____ & _____.
a. Left b. right c. center d. bottom e. top
2. _____ & _____ are methods of Array object in Javascript.
a. index() b. length() c. pop() d. drop() e. push()
3. The autocomplete input restriction can have the values _____ or _____.
a. True b. On c. False d. Off e. Complete
4. _____ & _____ are types of looping statement used in Javascript,
a. Untill..loop b. while..loop c. switch..loop d. for..loop e. If..loop
5. _____ event-handler in Javascript handles the event when focus of an element is lost and _____ event handler handles event when an element gets focus.
a. onselect b. onblur c. onchange d. onfocus e. onreset
6. _____ & _____ tags are used to create definition list in HTML5.
a. <dl> b. <dd> c. <db> d. <dc> e. <de>
7. _____ & _____ are objects of Window object.
a. Image b. Location c. Hyperlink d. Anchor e. History
8. _____ & _____ are attributes of <video> tag in HTML5.
a. source b. preload c. banner d. length e. poster
9. _____ & _____ methods of string object are used to change case.
a. toLowerCase() b. toChangeCase() c. toLower() d. toUpper() e. toUpperCase()
10. The text-decoration property in CSS can have the values _____ & _____.
a. italic b. overline c. strike d. underline e. line

Q 5. Multiple Choice Multiple Answers (3 Correct)**(6)**

1. The shape attribute of <area> tag can have the value _____, _____ and _____.
a. Rectangle b. Square c. Polygon
d. Triangle e. Circle f. Hexagon
2. _____, _____ and _____ are methods of window object in Javascript.
a. closed() b. location() c. alert()
d. confirm() e. status() f. prompt()

Q 6. Match the following**[4]****A**

1. ID selector
2. new
3. Class selector
4. User actions

B

- a. Javascript keyword
- b. •
- c. #
- d. Events

Q7. Short Answers (Any 5)**[10]**

1. Explain Inline CSS with an example.
2. Write a note on Web Hosting.
3. Explain any 4 features of Javascript.
4. Write a note on DOM.
5. Explain the type attribute of unordered list in HTML5.
6. Write any two differences between Server side and Client side scripting.
7. Explain any two values of display property in CSS.
8. What is break and continue statement in Javascript.

Q.8 A) Write a program using HTML to design a form to accept Name, Contact number, Date of Birth, E-mail address from user. Insert an image as Submit button.

[5]**OR**

Q.8 A) Write a program using HTML to display an Unordered list listing 3 of your favourite subjects. Make use of bullet type square for displaying list items. Give appropriate heading. Demonstrate use of any one CSS property.

[5]

Q.8 B) Write an event driven program using Javascript, to check if a string accepted from user is palindrome.

[5]**OR**

Q.8 B) Write an event driven program using Javascript, to find perimeter of square (Formula : - $p=4a$ where 'a' is length of side). Accept value of 'a' from user.

[5]