

GURU NANAK INSTITUTE OF TECHNOLOGY
An Autonomous Institute under MAKAUT
2022

WEB DEVELOPMENT
IT802L

TIME ALLOTTED: 3 HOURS

FULL MARKS: 70

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable

GROUP – A

(Multiple Choice Type Questions)

Answer any **ten** from the following, choosing the correct alternative of each question: **10×1=10**

		Marks	CO No.
1.	(i) If we want to define style for a unique element, then which css selector will we use?	1	CO1
	a) id		
	b) text		
	c) name		
	d) class		
	(ii) By default Hyperlinks are displayed with an underline. How do you remove the underline from all hyperlinks by using CSS code?	1	CO2
	a) a {text: no-underline;}		
	b) a {text-decoration:none;}		
	c) a {text-style: no-underline;}		
	d) a {text-decoration: no-underline;}		
	(iii) Graphics defined by SVG are in which format?	1	CO1
	a) HTML		
	b) XML		
	c) CSS		
	d) None of the above		
	(iv) How do you add a background color for all <h1> elements?	1	CO3
	a) h1 {background-color:#FFFFFF;}		
	b) h1.all {background-color:#FFFFFF;}		
	c) all.h1 {background-color:#FFFFFF;}		
	d) None		
	(v) How do you make a list that lists its items with squares?	1	CO4
	a) list-style-type: square;		
	b) list: square;		
	c) list-type: square;		
	d) None of the above		

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|--------|--|---|-----|
| (vi) | How do you select all p elements inside a div element?
a) div + p
b) div p
c) div.p
d) div->p | 1 | CO2 |
| (vii) | What will be the output of the following javascript code?
var string1 = "123";
var intvalue = 123;
alert(string1 + intvalue);
a) 123246
b) 246
c) 123123
d) Exception | 1 | CO1 |
| (viii) | What will be the step of the interpreter in a jump statement when an exception is thrown?
a) The interpreter stops its work
b) The interpreter throws another exception
c) The interpreter jumps to the nearest enclosing exception handler
d) The interpreter throws an error | 1 | CO3 |
| (ix) | What is closure?
a) Function objects
b) Scope where function's variables are resolved
c) Both Function objects and Scope where function's variables are resolved
d) d) Function return value | 1 | CO2 |
| (x) | Which of the following is not an attribute of the <form> tag?
a) Action
b) Method
c) name
d) url | 1 | CO4 |
| (xi) | Which of the following tag is used for inserting the largest heading in HTML?
a) h1
b) h2
c) h7
d) h6 | 1 | CO2 |
| (xii) | Which of the following tag is used to make the underlined text?
a) <i>
b)
c) <u>
d) <pre> | 1 | CO3 |

GROUP – B**(Short Answer Type Questions)****(Answer any three of the following) 3 x 5 = 15**

		Marks	CO No.
2.	(a) In JavaScript, answer if the following expressions result in true or false. A. "0" == 0 B. "" == 0 C. "" == "0"	2	CO1
	(b) How do you insert a comment in HTML? Show with an example.	2	CO1
	(c) Mention 2 HTML Tags which do not come in pairs.	1	CO1
3.	(a) What is the function to stop an interval timer?	2	CO2
	(b) Which of the following is the correct syntax to display "Let's Find Course" in an alert box using JavaScript? A. alert-box("Let's Find Course"); B. confirm("Let's Find Course"); C. msgbox("Let's Find Course"); D. alert("Let's Find Course");	2	CO2
	(c) List out the different ways an HTML element can be accessed in a JavaScript code.	1	CO2
4.	(a) Explain in Brief Deep Copy and Shallow Copy	2	CO3
	(b) What is NaN? How do you intend to test the value if it is equal to NaN?	3	CO3
5.	(a) What does this keyword refers to in vanilla javascript	3	CO2
	(b) What is the function to stop an interval timer?	1	CO2
	(c) What is the difference between window and document object	1	CO2
6.	(a) What is a document object model	3	CO4
	(b) What is a callback method and why is it essential for JavaScript?	2	CO4

GROUP – C**(Long Answer Type Questions)****(Answer any three of the following) 3 x 15 = 45**

		Marks	Marks
7.	(a) Explain list elements in HTML.	2	CO1
	(b) What will the code below output to the console and why?	6	CO1

```
(function(){
var a = b = 3;
})();
```

```
console.log("a defined? " + (typeof a !== 'undefined'));
console.log("b defined? " + (typeof b !== 'undefined'));
```