



# MALLA REDDY UNIVERSITY

## Web Design & Development (Unit I to V)

Subject Code - MR22-1CS0328

Qno	Question	Marks	Section
1	a) Define web hosting and its types. b) What are Hyperlinks on a webpage? Discuss tags which are used to create hyperlinks.	4+4	Section-I
2	Write in detail about building block of HTML	8	Section-I
3	a) Differentiate between static and dynamic websites. b) List the advantages of HTML5.	4+4	Section-I
4	a) Explain "List" and its types with an example HTML program. b) Define iFrames. Explain iFrame attributes with one example program.	4+4	Section-I
5	Explain i) What is HTML ii) History of HTML iii) Features of HTML	2+2+4	Section-I
6	Write a HTML program to create a time table.	8	Section-I
7	Elaborate the procedure to validate a form in HTML with suitable example program.	8	Section-I
8	Write a HTML code for creating table which consists of product details.	8	Section-I
9	Explain input types of form and explain each type with suitable example	8	Section-I
10	Write a HTML code to demonstrate profile of a student with multiple fields.	8	Section-I
11	Discuss about the different types of selectors in CSS with suitable example.	8	Section-II
12	How to add CSS in HTML pages to format the document according to information in the style sheet with types?	8	Section-II
13	To discuss the CSS background property is used to define the background effects on element and there are 5 CSS background properties that affect the HTML elements	8	Section-II

14	a) What is the color property in CSS is used to set the color of HTML elements b) Explain different shadows with example programs	4+4	Section-II
15	Explain analysis of different CSS Gradients with example programs?	8	Section-II
16	Write about text properties in CSS with syntax and examples.	8	Section-II
17	Write a CSS code for creating a webpage to list all programs offered by university using DIV tag	8	Section-II
18	What is attribute selector? Explain how it is different from other selectors with example	8	Section-II
19	Differentiate padding with margin using a DIV tag and demonstration with syntax and example	8	Section-II
20	Write CSS code for creating a webpage for game with instructions	8	Section-II
21	a) Define java script and its applications? b) What is the difference between JavaScript and Java?	4+4	Section-III
22	What are primitive data types in Javascript? Explain their syntax with example	8	Section-III
23	Describe javascript placement in HTML with different examples?	8	Section-III
24	Write short notes on Type Conversion and Operators	8	Section-III
25	What are the pop-up boxes available in JavaScript?	8	Section-III
26	a) What are the different datatypes present in javascript? b) Explain javascript operators?	4+4	Section-III
27	Write a Javascript code for swapping two numbers without using third variable	8	Section-III
28	Explain Document object in detail and explain different methods functionalities.	8	Section-III
29	What is innerHTML? explain the purpose of innerHTML in javascript	8	Section-III
30	Write a Javascript code for finding simple and compound interest using function and rendering on page	8	Section-III
31	Briefly explain the Conditional statements of JavaScript.	8	Section-IV
32	Write a Javascript code for finding largest number among 4 using conditional statements	8	Section-IV
33	What are the different types of looping statements available in	8	Section-IV



	JavaScript?		
34	Write a program to perform summation of individual element of a given number (Eg: num=127 => 1+2+7= 10)	8	Section-IV
35	Define a named function in JavaScript and explain the function parameters?	8	Section-IV
36	Write a program to return product of two real values only if the result is non-negative value.	8	Section-IV
37	Write short notes on: a) Call () b. Apply ()	4+4	Section-IV
38	a) Write a JavaScript program to display whether a given number is prime or not. b) How do you create a function using “function overloading” concept	4+4	Section-IV
39	What are strings? Perform concatenation operation on any given two strings using Javascript code	4	Section-IV
40	What are arrays? Explain arrays in detail with suitable examples	8	Section-IV
41	What is a framework? Explain the procedure to develop a webpage using Bootstrap	8	Section-V
42	a) What is Bootstrap? Explain the Responsive Web Design. b) Explain why Bootstrap is preferred for website development	4+4	Section-V
43	Explain about Bootstrap table in detail with examples	8	Section-V
44	Define Bootstrap grid and explain the types of bootstrap grid classes.	8	Section-V
45	What is the difference between Bootstrap 3 and Bootstrap 4	8	Section-V
46	a) How would you implement a carousel in Bootstrap b) How do create Nav elements in Bootstrap	4+4	Section-V
47	What is bootstrap pagination and how are they classified	8	Section-V
48	Explain themes in Bootstrap in detail to create a webpage for a website	8	Section-V
49	Design a webpage like Wikipedia using bootstrap framework.	8	Section-V
50	What are filters in Bootstrap? Explain filters using a code.	8	Section-V