

Guru Nanak Dev Engineering College, Ludhiana						
Department of Information Technology						
Program	B.Tech.(IT)	Semester	4			
Subject Code	PCIT-107	Subject Title	Web Technologies			
Mid Semester Exam (MSE) No.	1	Course Coordinator(s)	Akshay Girdhar, Harjot Kaur Gill			
Max. Marks	24	Time Duration	1 hour 30 minutes			
Date of MSE	19 <sup>th</sup> February 2024	Roll Number				
Note: Attempt all questions. All assumptions must be clearly stated.						
Q. No.	Question			COs, RBT level	Marks	
Q1	Apply CSS to change text color of paragraph as red and heading (H1) as blue of a webpage making use of the concept of classes.			CO2, L3	2	
Q2	Differentiate between 'class' and 'id' attributes of HTML elements.			CO2, L2	2	
Q3	Convert the below data into Tabular format in HTML and CSS:  S.No., Language, Mostly used for  1, HTML, Front End  2, CSS, Front End  3, Python, Back End  [Minimum Expectations: dotted border of red color, horizontal table header- with content aligned at center, caption, cell padding and cell spacing, hoverable table in terms of background color etc.]			CO2, L3	4	
Q4	"A tribute page is an overview of someone whom we admire in our life." Create a static tribute webpage using HTML and CSS. [Minimum Expectations: class, id, div, img, ordered and unordered lists etc.]			CO2, L6	4	
Q5	Build HTML form that includes various input types and use CSS to style the form elements.			CO2, L3	4	
Q6	Develop a simple game using HTML for structure and JavaScript for interactivity. Apply CSS for styling to enhance the visual presentation.			CO2, L6	8	
Course Outcomes (CO)						
Students will be able to						
1	Understand the basic tools required for Web designing and applications					
2	Build HTML5 and CSS3 for designing interactive web pages.					
3	Analyze the basic operations of an AJAX application					
4	Develop an interactive website using jQuery.					
5	Acquire the basic usage of PHP construct and its integration with database for developing web modules like, login module, session authentication					
6	Create and design dynamic web application using contemporary development tools like, MVC framework.					
RBT Classification	Lower Order Thinking Levels (LOTS)			Higher Order Thinking Levels (HOTS)		
RBT Level Number	L1	L2	L3	L4	L5	L6
RBT Level Name	Remembering	Understanding	Applying	Analyzing	Evaluating	Creating

Id → Form  
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