



K.S. INSTITUTE OF TECHNOLOGY, BANGALORE - 560109
I SESSIONAL TEST QUESTION PAPER 2020 - 21 EVEN SEMESTER

SET B

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Degree : B.E
Branch : Computer Science & Engg
Course Title : Web Technology and Its Applications
Duration : 90 Minutes

Semester: VI A & B
Course Code: 18CS63
Date: 25-05-2021

Max Marks: 30

Note: Answer ONE full question from each part.

Q No.	Question	Marks	CO mapping	K-Level
PART-A				
1(a)	Outline the differences between knowledge management software and content management software. Include a description of at least one application of each that might be useful in an online business.	6	CO1	Understanding
(b)	An ongoing belief in the Web design industry is that HTML5 is critical to Web design for four reasons: Accessibility, Search engine optimization, Faster download speeds, More efficient styling and coding. Discuss: i. How does accessibility impact all users regardless of physical challenges? ii. Which of the remaining three factors associated with semantic HTML is most important to semantic HTML?	6	CO1	Understanding
(c)	Explain how standardizing HTML effects accessibility. Describe some of the accessibility issues that Web developers need to keep in mind when designing a Website.	6	CO1	Understanding
OR				
2(a)	Mr. Sam, who is going to be creating first web page and ask you to recommend some software for the task. Which one require the basic and advanced knowledge of HTML tags, enumerate and interpret its functionality.	6	CO1	Understanding
(b)	Sketch the document structure of an HTML document. Provide complete example of a <link>tag and its usage.	6	CO1	Understanding
(c)	The covid-19 website shows information as 4 graphs showing information for total cases, recovered cases, deaths, and critical cases. These graphs have different colours for each graph. Imagine now that you need to design the website keeping in mind that people with visual disability (blindness) need to use	6	CO1	Understanding

	your software tool. What should you keep in mind when designing the page? Explain adequately with examples.			
PART-B				
3(a)	Identify , how you would explain to entrepreneur about the elements that will be included, functions of them and accessibility, their significance and importance of a website.	6	CO2	Applying
(b)	Assume that you are applying various font-style property in your CSS program. Develop a program for the same and explain in details with simple CSS program.	6	CO2	Applying
OR				
4(a)	Determine with the help of code how can overrule an inline style using a CSS style rule located in an external CSS file?	6	CO2	Applying
(b)	Write HTML code that includes three semantic HTML tags. Construct the semantic meaning of each one you choose.	6	CO2	Applying

Semester	Section	Name of the Faculty	E-mail Address
VI	A	Ranjitha K N	MS Teams
	B	Krishna Gudi	gudi_krishna@yahoo.in