



KSIT Bangalore

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING ASSIGNMENT QUESTIONS

Academic Year	2020-2021		
Batch	2018-2022		
Year/Semester/Section	III/VI/B		
Subject Code-Title	I8CS63 – WEB TECHNOLOGY AND ITS APPLICATIONS		
Name of the Instructor	Mr. Krishna Gudi	Dept	CSE

Assignment No: I		Total marks: 10																								
Date of Issue: 16/05/2021		Date of Submission: 22/05/2021																								
Sl.No	Assignment Questions	K Level	CO	Marks																						
1.	<p>Explain how a web site could learn something about your browsing habits outside its site from an HTTP request sent to the site by your browser. Assume that the request has only the headers listed in table.</p> <table><tr><td>Sl.No.</td><td>Field Name</td></tr><tr><td>1</td><td>Host</td></tr><tr><td>2</td><td>User-Agent</td></tr><tr><td>3</td><td>Accept</td></tr><tr><td>4</td><td>Accept-Language</td></tr><tr><td>5</td><td>Accept-Encoding</td></tr><tr><td>6</td><td>Accept-Charset</td></tr><tr><td>7</td><td>Connection</td></tr><tr><td>8</td><td>Keep-Alive</td></tr><tr><td>9</td><td>Content-Type</td></tr><tr><td>10</td><td>Content-Length</td></tr></table>	Sl.No.	Field Name	1	Host	2	User-Agent	3	Accept	4	Accept-Language	5	Accept-Encoding	6	Accept-Charset	7	Connection	8	Keep-Alive	9	Content-Type	10	Content-Length	Understanding	1	2
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2.	<p>Some browser developers support HTML tags which they invented but which are not W3C standards. Using one of these tags often means that your page will appear "broken" when viewed from a competing browser. Would you use one of these tags, or would you conform to W3C standards. Describe which one is best and why.</p>	Understanding	1	2																						
3.	<p>Explore the Web Content Accessibility and Mobile Web document of your choice. Summarize areas that overlap in accessibility and mobile web design best practices and how web developers can support both accessibility and mobile devices. Include the links of at least two related sites you explored.</p>	Applying	2	2																						

4.	<p>Choose a website and one of the web design frameworks(Design for Usability, Conversion-Centered Design):</p> <ul style="list-style-type: none"> • Assess the quality of the website based on the specific framework that you picked. • Determine 3 changes to the website you think will create the largest improvement in the conversion rate. • Explain why the reason you use should be based on the web design framework you picked. 	Understanding	1	2
5.	<p>Research and discuss HTML5 semantic elements. Find examples of web pages where they are used. What does UX mean (and stand for) and how does it relate to web site design? Give 3-5 processes of UX and explain each one.</p>	Understanding	1	2