

**END SEMESTER ASSESSMENT (ESA) B.TECH III SEMESTER- Dec 2019
(MAKE UP EXAM)**

UE17CS204 – Web Technologies I

Time: 3 Hrs

Answer All Questions

Max Marks: 100

Note: All answers must be precise and to the point.

1.	a)	<p>Create a web page for Health card application from Government of Karnataka.</p> <ol style="list-style-type: none"> The registrations can be for adults or children. They must be able to enter if he has not applied for any other health card in the years /2018-2019/2017-18 /2016-17 The form should provide the controls to accept above mentioned details as well as for personal information like name and gender. The user must be redirected to the file “HealthCard.php” when he submits the form. The details he enters must be visible in the address bar of his browser <p>Create the web page with suitable form elements and default values</p>	5																								
	b)	<p>What is the use of td,th,tr tags in HTML?</p> <p>Write the HTML code given to design the table shown below</p> <p>Apply external CSS to display the Begin Time cells with yellow background and End Time cells with blue background</p> <table border="1" style="margin: 10px auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th colspan="4">WorkShop Details</th></tr> <tr> <th rowspan="2">Day</th><th colspan="2">Workshop timings</th><th rowspan="2">Topic Name</th></tr> <tr> <th>start Time</th><th>end Time</th></tr> </thead> <tbody> <tr> <td rowspan="2">Monday</td><td>8:00am</td><td>12:00pm</td><td>Introduction to IOT</td></tr> <tr> <td>1:00pm</td><td>5:00pm</td><td>Introduction to Computer forensics</td></tr> <tr> <td rowspan="2">Friday</td><td>8:00am</td><td>12:00pm</td><td>Kernel Hands-on</td></tr> <tr> <td>1:00pm</td><td>5:00pm</td><td>Advanced Python</td></tr> </tbody> </table>	WorkShop Details				Day	Workshop timings		Topic Name	start Time	end Time	Monday	8:00am	12:00pm	Introduction to IOT	1:00pm	5:00pm	Introduction to Computer forensics	Friday	8:00am	12:00pm	Kernel Hands-on	1:00pm	5:00pm	Advanced Python	<p>7 (1+4 +2)</p>
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	c)	<p>How would you</p> <ol style="list-style-type: none"> Select all the <div> tags on a given page? Apply ‘Arial’ font to all content on a given page. Include a simple audio element to a web page with controls enabled. 	<p>3 (3*1)</p>																								
	d)	<p>Explain in detail the different approaches for applying a style to a document. Give examples for each of them</p>	5																								

2.	a)	How do you define a cookie? Also explain what is local storage and give atleast 4 differences between them. which approach is better if only client side needs the data?	6
	b)	Write the javascript code to sort the given array in the ascending order.Note: Use the built-in functions available <script type="text/javascript"> var a=[203,56,2323,87,33,23,876,1,54,32,89,43] //TODO: Sort and display it </script>	3
	c)	Explain the concept of (i) Offline Browsing (ii) Hoisting	4
	d)	Write a JavaScript code to count the occurrence of a particular character 'e' in the given string "Iam studying engineering at pes university"	7
3.	a)	What are HTTP response codes? List the various Http response codes with description for each code	5
	b)	i) Explain the difference between GET ,POST,HEAD methods? ii) Distinguish .htaccess and httpd configurations iii) Write the code to change the default port number to 8090 to which server listens?	6 (3*2)
	c)	A Microsoft account login page asks for the user credentials. Once user gives and clicks on login ,how will the request goes to the server and response comes back in case of successful login? Write the formats properly with all possible headers.	6
	d)	What do you mean by MIME type? Give an example to add to a new type to the server configuration.	3
4.	a)	What do you mean by Super Global Variables and what are they used for? Explain in detail any two of them.	5
	b)	What is meant by Implode and Explode in PHP? Write its syntax with an example	4
	c)	List down any four file operations in php. Assume you have a file called abc.txt. Write a PHP code to access the file and add some more new contents into it.	5
	d)	Create a form containing two textboxes that accepts a student's name and his college name. Add a submit button to the form. On submitting the form it should be redirected to college.php that display "Student's name is studying in College Name". Where college name and student's name are the values entered by the user	6

[illegible]