

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST-1 EXAMINATION-2026

B. Tech-IV Semester (IT)

COURSE CODE (CREDITS): 25B1WCI435

MAX. MARKS: 15

COURSE NAME: WEB TECHNOLOGIES AND APPLICATIONS

COURSE INSTRUCTOR: MR. PRATEEK

MAX. TIME: 1 Hour

Note: (a) All questions are compulsory.

(b) The candidate is allowed to make Suitable numeric assumptions wherever required for solving problem

(c) Use of calculators is not allowed

Q.No	Question	CO	Marks														
Q1	<p>Write down the complete HTML code (only) to display the following output on web browser:</p> <p>Web Technologies consists of HTML, CSS, JS and PHP.</p> <ul style="list-style-type: none"> • Let's create unordered and ordered lists in HTML: i. India celebrated its 77th Republic Day on 26 January 2026 at Kartavya Path, New Delhi, themed around "150 Years of Vande Mataram". ii. The applications will be either Accepted or Rejected. iii. The equation of a circle is typically written in standard form as $(x - h)^2 + (y - k)^2 = r^2$, where (h, k) represents the coordinates of the circle's center and r is the radius. 	CO-1	3														
Q2	<p>Write down appropriate HTML code to draw the following HTML table. Use all necessary HTML table elements, wherever required.</p> <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: fit-content;"> <p style="text-align: center;"><i>A test table with merged cells</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2"></th> <th colspan="2">Average</th> <th rowspan="2">Red eyes</th> </tr> <tr> <th>height</th> <th>weight</th> </tr> </thead> <tbody> <tr> <td>Males</td> <td>1.9</td> <td>0.003</td> <td>40%</td> </tr> <tr> <td>Females</td> <td>1.7</td> <td>0.002</td> <td>48%</td> </tr> </tbody> </table> </div>		Average		Red eyes	height	weight	Males	1.9	0.003	40%	Females	1.7	0.002	48%	CO-1	4
	Average		Red eyes														
	height	weight															
Males	1.9	0.003	40%														
Females	1.7	0.002	48%														

<p>Q3</p>	<p>Differentiate between external and internal cascading style sheets. Consider the HTML and CSS code snippets given below. Write down the output of the following HTML and CSS code along with the color name for each output obtained.</p> <table border="1" data-bbox="284 465 1107 1055"> <thead> <tr> <th data-bbox="284 465 831 517">index.html</th> <th data-bbox="831 465 1107 517">stylish.css</th> </tr> </thead> <tbody> <tr> <td data-bbox="284 517 831 1055"> <pre><html> <head> <link rel="stylesheet" href="stylish.css"> <style> p{color:blue;} </style> </head> <body> <p>HTML</p> <p style = "color: red"; >CSS</p> <p id="col">JAVASCRIPT</p> <p>PHP</p> </body> </html></pre> </td> <td data-bbox="831 517 1107 1055"> <pre>#col { color: green; }</pre> </td> </tr> </tbody> </table>	index.html	stylish.css	<pre><html> <head> <link rel="stylesheet" href="stylish.css"> <style> p{color:blue;} </style> </head> <body> <p>HTML</p> <p style = "color: red"; >CSS</p> <p id="col">JAVASCRIPT</p> <p>PHP</p> </body> </html></pre>	<pre>#col { color: green; }</pre>	<p>CO-2</p>	<p>1+3</p>
index.html	stylish.css						
<pre><html> <head> <link rel="stylesheet" href="stylish.css"> <style> p{color:blue;} </style> </head> <body> <p>HTML</p> <p style = "color: red"; >CSS</p> <p id="col">JAVASCRIPT</p> <p>PHP</p> </body> </html></pre>	<pre>#col { color: green; }</pre>						
<p>Q4</p>	<p>Write down the HTML code to display the following Student Registration Form on web browser.</p> <div data-bbox="384 1245 1015 1832" data-label="Form"> <p>Student Registration Form</p> <p>Roll no. : <input type="text"/></p> <p>Student name : <input type="text" value="First Name"/> <input type="text" value="Last Name"/></p> <p>Father's name : <input type="text"/></p> <p>Date of birth : <input type="text" value="Day"/> - <input type="text" value="Month"/> - <input type="text" value="Year"/> (DD-MM-YYYY)</p> <p>Mobile no. : <input type="text" value="+91"/> - <input type="text"/></p> <p>Email id : <input type="text"/></p> <p>Password : <input type="text"/></p> <p>Gender : <input type="radio"/> Male <input type="radio"/> Female</p> <p>Department : <input type="checkbox"/> CSE <input type="checkbox"/> IT <input type="checkbox"/> ECE <input type="checkbox"/> Civil <input type="checkbox"/> Mech</p> <p>Course : <input type="text" value="Select Current Course's"/></p> <p>Student photo : <input type="text" value="Upload File"/></p> <p>City : <input type="text"/></p> <p>Address : <input type="text"/></p> <p><input type="button" value="Register"/></p> </div>	<p>CO-1</p>	<p>4</p>				