

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST-3 EXAMINATION-2025

B. Tech-III Semester (CSE-FSSD)

COURSE CODE (CREDITS): 25B11CI317 (3)

MAX. MARKS: 35

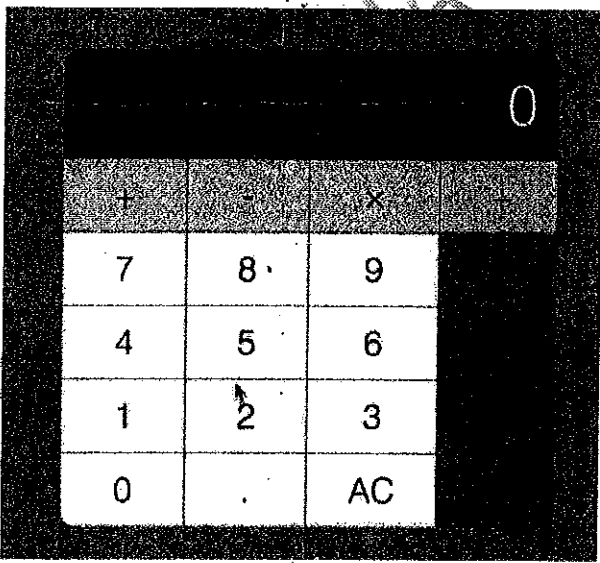
COURSE NAME: FRONT-END DEVELOPMENT BASICS (HTML, CSS, JAVASCRIPT)

COURSE INSTRUCTORS: MR. PRATEEK

MAX. TIME: 2 Hours

Note: (a) All questions are compulsory.

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

Q.No	Question	CO	Marks
Q1	What is the importance of CSS Box Model in designing a website? Explain various components of CSS Box Model taking any appropriate example. Draw the diagram also for clear explanation.	CO-2	1+4
Q2	Use HTML tables/CSS/JavaScript to draw the simple digital calculator as shown below: 	CO-3	5
Q3	Differentiate between the following terms/methods used in PHP and write down sample codes for each of the categories: (a) GET and POST method (b) strlen() and str_word_count() (c) round() and rand() (d) preg_match() and preg_match_all() (e) Indexed and Associative arrays	CO-4	10

Q4	<p>Write down the output of the following code snippets along with proper explanation:</p> <div style="display: flex; justify-content: space-between;"> <pre style="width: 45%;"> <?php \$m = 1; switch(print \$m) { case 2: print "HTML"; break; case 1: print "CSS"; break; default: print "JavaScript"; } ?></pre> <pre style="width: 45%;"> <?php \$i = 10; \$j = 0; if (\$i (\$j = \$i + 10)) { echo "true"; } echo \$j; ?></pre> </div>	CO-4	2.5+2.5
Q5	<p>Consider the form given below that captures the employee details of a specific organization/company and perform the following sequence of steps:</p> <ol style="list-style-type: none"> 1. Write down HTML/PHP code to draw this "Employee Details" form. 2. Create one new database named "company" using MYSQL/XAMPP server and create a table in "company" database with the name "employee" having three columns with the name: empid, fname and lname. 3. Write down a separate PHP code to connect this form with a database named "company" and to add new records in database. 4. Fill in the form to store the details of five different employees in "employee" table of the "company" database. 5. Display the data in tabular form. <div style="border: 1px solid black; padding: 10px; margin-top: 20px;"> <p>Employee Details</p> <p>First name: <input type="text"/></p> <p>Last name: <input type="text"/></p> <p><input type="radio"/> Male <input type="radio"/> Female</p> <p>Employee ID: <input type="text"/></p> <p>Designation: <input type="text"/></p> <p>Phone Number: <input type="text"/></p> <p><input type="button" value="Submit"/></p> </div>	CO-5	10