

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATION- 2026

B.Tech-III Semester (CSE/IT)

COURSE CODE (CREDITS): 25B11CI317 (3)

MAX. MARKS: 15

COURSE NAME: FRONT-END DEVELOPMENT BASICS

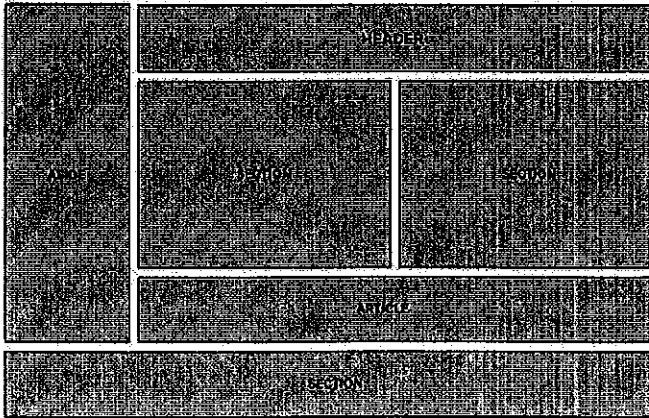
COURSE INSTRUCTOR: Ms. PALAK AAR

MAX. TIME: 1 Hour

Note: (a) All questions are compulsory.

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

(c) Use of calculator is not allowed

Q.No	Question	CO	Marks
Q1	Design and develop an HTML webpage for registering participants for an online event. The form should collect the participant's name, email address, contact number, event category, preferred date, and additional requirements, and include a Submit button.	CO1	3
Q2	Develop a webpage that takes as input the marks obtained by a student in one subject and use JavaScript to determine the result. Display "Pass" if the marks are 40 or above, "Fail" if below 40, and "Invalid Marks" if the entered marks are outside the range 0–100.	CO3	3
Q3	Construct a simple HTML webpage containing a heading, paragraph, and an unordered list with three items, and represent its structure as a DOM tree. Identify the parent-child relationships and text nodes and use JavaScript to modify the heading text dynamically.	CO3	3
Q4	Develop a webpage using HTML and CSS Grid to create the layout shown in the figure. 	CO2	3

Q5	a) If <code>querySelectorAll(".item")</code> is used, what does it return? b) Which CSS property is commonly used with transform to move an element horizontally? c) Which CSS property is used to add space inside an element? d) If inline, internal, and external CSS all apply to the same element, which generally has the highest precedence? e) Which semantic element is used to group thematically related content, usually with a heading? f) State the output : <pre>let x = 10; let y = "10"; console.log(x == y); console.log(x === y);</pre>	CO1	0.5*6=3
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