

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1EXAMINATION- 2026

B.Tech-I Semester (BT)

COURSE CODE (CREDITS): 25B11CI111 (4)

MAX. MARKS: 15

COURSE NAME: FUNDAMENTAL OF COMPUTER PROGRAMMING

COURSE INSTRUCTOR: Ms. AKANKSHA

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        | Write HTML code to:<br>a) Display an image with source "nature.jpg" and appropriate alt text<br>b) Add a separate text link below it pointing to "https://wikipedia.org" that opens in a new tab                                                                                                                                                                                                                                                                                                                                                                       | 1      | 2     |          |      |          |         |          |             |          |           |         |   |   |
| Q2        | Write HTML code for a webpage section that:<br>a) Displays an unordered list of 3 favorite movies<br>b) Displays an ordered list of 3 steps to log into a website                                                                                                                                                                                                                                                                                                                                                                                                      | 1      | 3     |          |      |          |         |          |             |          |           |         |   |   |
| Q3        | Write HTML code for a class timetable table titled "Weekly Timetable" that:<br>i. Has a header row with a cell spanning 2 columns for "Monday" using colspan<br>ii. Has one cell in the body spanning 2 rows using rowspan (e.g., a "Lunch Break" cell shared across two time slots)<br><table border="1"><tr><th colspan="2">Monday</th></tr><tr><td>09:00 AM</td><td>Math</td></tr><tr><td>11:00 AM</td><td>Science</td></tr><tr><td>12:00 PM</td><td rowspan="2">Lunch Break</td></tr><tr><td>12:30 PM</td></tr><tr><td>01: 00 PM</td><td>English</td></tr></table> | Monday |       | 09:00 AM | Math | 11:00 AM | Science | 12:00 PM | Lunch Break | 12:30 PM | 01: 00 PM | English | 2 | 5 |
| Monday    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |       |          |      |          |         |          |             |          |           |         |   |   |
| 09:00 AM  | Math                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |       |          |      |          |         |          |             |          |           |         |   |   |
| 11:00 AM  | Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |       |          |      |          |         |          |             |          |           |         |   |   |
| 12:00 PM  | Lunch Break                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |       |          |      |          |         |          |             |          |           |         |   |   |
| 12:30 PM  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |       |          |      |          |         |          |             |          |           |         |   |   |
| 01: 00 PM | English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |       |          |      |          |         |          |             |          |           |         |   |   |
| Q4        | a) Name two tags that are "self-closing tags".<br>b) What is the purpose of the <pre> tag? With example.                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2      | 2     |          |      |          |         |          |             |          |           |         |   |   |
| Q5        | Number System Conversions:<br>a) (2398) <sub>10</sub> convert to (     ) <sub>8</sub><br>b) (2D08) <sub>16</sub> convert to (     ) <sub>8</sub><br>c) (2398) <sub>8</sub> convert to (     ) <sub>2</sub>                                                                                                                                                                                                                                                                                                                                                             | 2      | 3     |          |      |          |         |          |             |          |           |         |   |   |