

# INDIRA UNIVERSITY, PUNE

## SCHOOL OF INFORMATION TECHNOLOGY- MSC CA

*Term End Examination (2025 Pattern) April- May – 2026- Semester – II*

**Course Name: Web Technologies**  
**Course Code: 25PCA201T**

**Max. Marks: 50**  
**Time: 2 Hr. 30 Minutes**

### Instructions

- All questions are compulsory.
- Figures to the right indicate full marks.
- Draw neat diagrams and write appropriate code wherever necessary.

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| <b>Q1.</b> | <b>Attempt any 5 out of 7 (2 mark each)</b><br>a) How to insert image in HTML page give syntax.<br>b) What is CSS class?<br>c) Define PHP data type<br>d) What is the use of strlen()?<br>e) Define array and list its types.<br>f) What is use of file()?<br>g) List DOM methods.                                                                                                                                                                                                                                                                                                                                              | <b>(10 Marks)</b> | CO1 |
| <b>Q2.</b> | <b>Attempt any 4 out of 6 (5 marks each)</b><br>a) Explain the basic structure of an HTML document. Provide an example with all necessary tags.<br>b) What are tables in HTML? Discuss how to create a table with headers, rows, and columns. Provide an example.<br>c) Illustrate PHP printing functions.<br>d) Write PHP program to implement stack using array.<br>e) Outline database connectivity steps in PHP.<br>f) Explain \$_SERVER array with suitable example.                                                                                                                                                       | <b>(20 Marks)</b> | CO2 |
| <b>Q.3</b> | <b>Attempt any 2 out of 3 (5 marks each)</b><br>a) Develop a PHP script to design a form to accept a string. Write a function to check whether the given string is a palindrome or not, without using built-in function.<br>b) Construct a PHP function that counts the number of vowels in a string. Accept string from user.<br>c) Consider the following relational database:<br>Movie (Movie_no, Movie_name, year)<br>Actor (actor_no, actor_name, movie_no).<br>Construct a php script which accepts movie_name and display actors acting in same movie. [Use PostgreSQL database. Assume all tables are already created]. | <b>(10 Marks)</b> | CO3 |

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| Q.4 | <p><b>Compulsory Question (10 Marks)</b></p> <p>[A] A product review system allows users to submit ratings and comments. The system should ensure proper input validation and display reviews in a structured format. It should also maintain state for logged-in users.</p> <ul style="list-style-type: none"> <li>a) Analyze and write PHP code to handle user session and store reviews.</li> <li>b) Analyze and write JavaScript to dynamically display and update reviews.</li> </ul> <p style="text-align: center;"><b>OR</b></p> <p>[B]</p> <ul style="list-style-type: none"> <li>a) Analyze and write a PHP script to accept Employee details (Eno, Ename, address) on first page. On second page accept earnings (Basic, Da, HRA). On third page print Employee information (ENO, Name, Address, BASIC, DA, HRA, TOTAL) [Use Session]</li> <li>b) Analyze and Design HTML form, accept student Name, Age, and Mobile No. from user. Using java Script validate for following <ul style="list-style-type: none"> <li>a) Student Name should not be empty.</li> <li>b) Student Age must be between 1 to 20.</li> </ul> </li> </ul> | CO4 |
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