

END SEMESTER EXAMINATION - OCTOBER 2025**SEMESTER 5 : INTEGRATED M.Sc. PROGRAMME COMPUTER SCIENCE - DATA SCIENCE****COURSE : 21UP5CRMCP15 : WEB APPLICATION DEVELOPMENT USING PHP***(For Regular 2023 Admission and Supplementary 2022/ 2021 Admissions)*

Time : Three Hours

Max. Weightage : 30

PART A**Answer any 8 questions**

1. Name the tag that is used to define a JavaScript code.
2. List the parameters required in creating a new connection to MySQL database using PHP.
3. Find the value of the variable `$total` after the end of the loop:

```
$total = 0;
for ($i = 1; $i <= 5; $i++) {
    if ($i % 2 == 0) {
        continue; }
    $total += $i;
}
```
4. State the use of `$.map` method in jQuery.
5. State the use of `var_dump()` in PHP.
6. Name the directive to import one stylesheet into another.
7. Define cookies in web programming.
8. Write an example of applying universal selector for styling.
9. Identify the logical error in the following web document:

```
<!DOCTYPE html>
<html>
  <head><script src='jquery-3.2.1.min.js'></script></head>
  <body>
    <script>
      $('#clickme').click(function(){ $('#result').html('You
clicked the button!')})
    </script>
    <button id='clickme'>Click Me</button>
    <p id = 'result'> This is a paragraph</p>
  </body>
</html>
```
10. State any two ways of displaying content in PHP.

(1 x 8 = 8 Weight)**PART B****Answer any 6 questions**

11. Differentiate between `<div>` and `<span>` elements. Illustrate with an example.
12. Differentiate between a numeric array and an associative array with an example.
13. You want to delete a record from a "products" table where the "price" is less than 10. Write PHP code to execute this operation
14. List the rules of defining variables in PHP.

15. Differentiate between `val` and `attr` methods with an example.
16. Explain how functions are defined and used in PHP.
17. With a sample html tags, create your class time table in a webpage.
18. Write an XML file to display the Book information which includes the following: a) Title of the book b) Author Name c) Publisher name d) Edition f) Price

(2 x 6 = 12 Weight)

PART C

Answer any 2 questions

19. With the syntax and an example, explain the looping statements in PHP.
20. Explain the following attributes, with examples:
 - (a). `autofocus`
 - (b). `autocomplete`
 - (c). `placeholder`
 - (d). `required`
 - (e). `min` and `max`
21. Explain how the various types of selectors are used in manipulating DOM elements using jQuery.
22. Elaborate on the various style types in CSS.

(5 x 2 = 10 Weight)