

**Total number of printed pages:2 Programme(D)/6<sup>th</sup> Semester/DCSE601**

**2023**

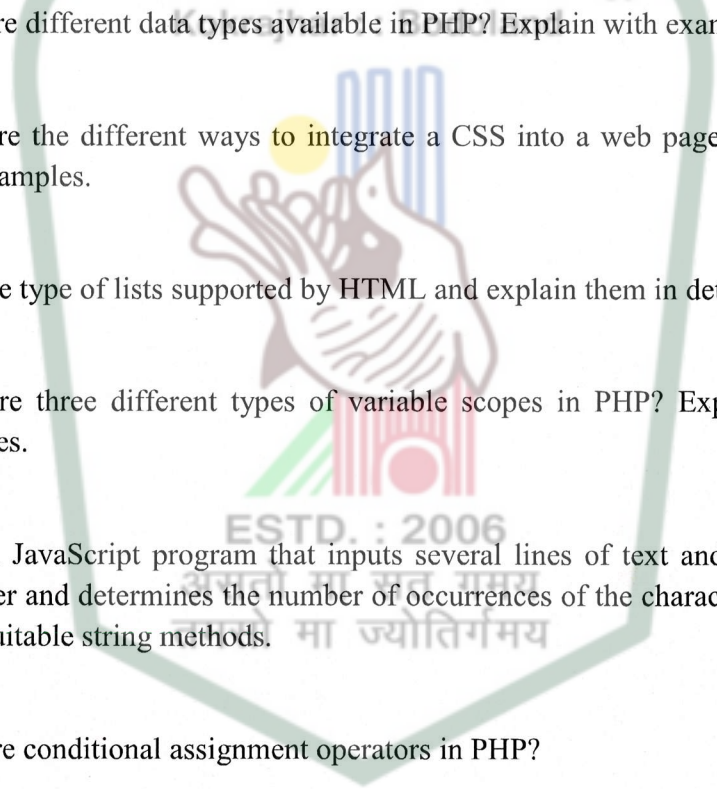
**Web Technology**

*Full Marks : 100*

Time : Three hours

*The figures in the margin indicate full marks for the questions.*

*Answer any five questions.*

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1. a) What are different data types available in PHP? Explain with examples. 10
- b) What are the different ways to integrate a CSS into a web page? Explain with examples. 10
2. a) State the type of lists supported by HTML and explain them in detail. 10
- a) What are three different types of variable scopes in PHP? Explain with examples. 10
3. a) Write a JavaScript program that inputs several lines of text and a search character and determines the number of occurrences of the character in text using suitable string methods. 10
- b) What are conditional assignment operators in PHP? 5
- c) How does inheritance work in CSS? 5
4. a) Mention the comparison operators available in JavaScript. 5
- b) What are the four different ways of variable declarations in JavaScript? Give examples. 5

c) Write the output of the following script:

10

```
<html>
<body>

<?php
echo strlen("Hello CIT KOKRAJHAR");
echo "<br>";
echo strlen("Hello CIT KOKRAJHAR");
echo "<br>";
echo strpos("Hello CIT KOKRAJHAR", "CIT");
echo "<br>";
echo str_replace("IT", "SE", "Hello CIT KOKRAJHAR");
echo "<br>";
echo str_word_count("Hello CIT KOKRAJHAR");
?>

</body>
</html>
```

5. Create an HTML form (containing textbox, radio button, text area, and checkbox) that POSTs its submitted data to a PHP program on a server. Write a PHP code to verify that the user did not leave any fields blank when submitting the form and display the submitted data. 20

6. Write short notes on 20

a) XML

b) XSL

c) CGI

d) AJAX

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