Reg. No. \_\_\_\_\_\_\_\_\_\_\_\_\_



**End Semester Examination – Nov / Dec – 2019**

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| **Code :** | **16CA2018** | **Duration :** | **3hrs** |
| **Sub. Name :** | **WEB TECHNOLOGY** | **Max. Marks :** | **100** |

**ANSWER ALL QUESTIONS (5 x 20 = 100 Marks)**

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| **Q. No.** | **Sub Div.** | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. | a. | ‘PHP added features in every version to improve its usability’. Justify the above statement by discussing the features of PHP as a scripting language. | CO1 | 10 |
| b. | Create a HTML webpage to receive two numbers and find the maximum of the two using PHP code. | CO2 | 10 |
| **(OR)** | | | | |
| 2. | a. | Explain the various data types used in PHP. | CO1 | 14 |
| b. | List the rules and conventions used in PHP for variable naming with examples. | CO1 | 6 |
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| 3. | a. | Discuss with examples the various iteration statements in PHP. | CO1 | 14 |
|  | b. | Analyse the use of the continue statement by writing a program in PHP to find the sum of first ten odd numbers using any looping control structure. | CO1 | 6 |
| **(OR)** | | | | |
| 4. | a. | Write a function in PHP that interchanges and prints the value of two integers A and B without using any extra variable. | CO1 | 8 |
|  | b. | Write a program in PHP to find the factorial of a number using recursion. Create a HTML page to receive the input. | CO2 | 12 |
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| 5. | a. | Explain the the use of access specifiers in a class with examples. | CO3 | 10 |
|  | b. | Create a class named voter with members name, Aadhar number and age. Create a method to check if a person can vote (age should be above 18). | CO5 | 10 |
| **(OR)** | | | | |
| 6. | a. | Write a program in PHP to check the user credentials. If the credentials are correct then the user will be redirected to another page. | CO5 | 10 |
|  | b. | Explain with examples the types of inheritance supported by PHP. | CO3 | 10 |
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| 7. | a. | Explain the use of different quantifiers in regular expressions. | CO3 | 10 |
|  | b. | Identify with examples the use of string manipulation (any five) functions. | CO3 | 10 |
| **(OR)** | | | | |
| 8. | a. | Identify the need for session variables. Discuss how session variables are handled in web applications. | CO6 | 10 |
|  | b. | Write a PHP code to find the number of times a webpage has been viewed by the user using session variables. | CO6 | 10 |
|  | | **Compulsory**: |  |  |
| 9. | a. | List the different data types in MySQL with suitable example. | CO4 | 10 |
|  | b. | Explain the commands used in PHP to interact with the database MySQL. | CO4 | 10 |