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



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

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| **Code :** | **17CA2018** | **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. | Explain the following datatypes in PHP with example.  i) Boolean ii) integer iii) float iv) string v) null | CO1 | 10 |
| b. | Explain the evolution of PHP (History) with special mention of the features in PHP4 and PHP5. | CO1 | 10 |
| **(OR)** | | | | |
| 2. | a. | Explain using a suitable example, how webpages are formed in PHP using HTML. | CO2 | 10 |
| b. | Explain the use of echo statement and print statement in PHP with examples. | CO1 | 5 |
| c. | Identify the format specifiers used with the printf statement in PHP. | CO1 | 5 |
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| 3. |  | List and explain the scope of the following variables in PHP with example.  i) Local variable. ii) Function parameter.  iii) Global variable. iv) Static variable. | CO1 | 20 |
| **(OR)** | | | | |
| 4. | a. | Explain the different functions that can be used to traverse an array. | CO3 | 10 |
| b. | Explain with examples the use of the following array functions in PHP .  i) array\_pop() ii) array\_push() iii) in\_array()  iv) array\_shift() v) array\_unshift() | CO3 | 10 |
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| 5. | a. | Write a program in PHP to sort an associative array by taking the user input from textboxes in HTML. | CO5 | 10 |
| b. | Discuss how functions can be created in PHP by using  i) Pass by value ii) Pass by reference . | CO1 | 10 |
| **(OR)** | | | | |
| 6. | a. | Write a PHP code to design a student registration form and store the information in a class. | CO2 | 10 |
| b. | Create an interface for the above class student to calculate CGPA. | CO5 | 10 |
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| 7. | a. | Explain the need for cookies in PHP with an example. | CO5 | 10 |
| b. | Create a webpage for posting your resume and track the number of times your webpage has been visited by using session variables. | CO6 | 10 |
| **(OR)** | | | | |
| 8. | a. | Discuss the need and use of the following functions  i) ereg() ii) eregi() iii) ereg\_replace() iv) eregi\_replace. | CO3 | 8 |
| b. | Mention the various configuration directives used in PHP with respect to session handling. | CO6 | 12 |
|  | | **Compulsory**: |  |  |
| 9. | a. | Explain with an example the steps to connect PHP with MYSQL. | CO4 | 10 |
| b. | Create a table to store username and password and validate the details using PHP code. | CO4 | 10 |