**POORNIMA UNIVERSITY, JAIPUR**

**END SEMESTER EXAMINATION, APRIL 2023**

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|  | **2BC4162** | Roll No. | Total Printed Pages: 2 |
| **2BC4162** |  |
| BCA II Year IV-Semester (Main/Back) End Semester Examination, April 2023  **(Gen.)** | |
| **BCACCA4104 : PhP & MySql** | | | |

# Time: **3**Hours. Total Marks: **60**

Min. Passing Marks: **21**

Attempt **five** questions selecting one question from each Unit. There is internal choice from Unit I to Unit V. Marks of each question or its parts are indicated against each question / parts. Draw neat sketches wherever necessary to illustrate the answer. Assume missing data suitably (if any) and clearly indicate the same in the answer.

Use of following supporting material is permitted during examination for this subject.

# **1.--------------------------Nil--------------------** **2.------------------Nil-----------------------**

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|  |  | **UNIT-I (CO1)** | **Marks** | **Bloom Level** |
| **Q.1** | **(a)** | What is the difference between server side and client side scripting? What are the advantages of using php over other server side scripting languages? | **(6)** | **Remember and Understand** |
|  |  |  |  |  |
|  | **(b)** | What are different variable and constants in PHP? Write a program to print area of a circle of given radius. | **(6)** | **Apply** |
|  |  |  |  |  |
|  |  | **OR** |  |  |
|  |  |  |  |  |
| **Q.2** | **(a)** | What are the different operators in PHP? Explain with proper syntax | **(6)** | **Remember** |
|  |  |  |  |  |
|  | **(b)** | Explain setting up php environment and run php script? Write a php script to add, subtract and multiply two numbers? | **(6)** | **Understand and Apply** |
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|  |  | **UNIT-II (CO2)** |  |  |
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| **Q.3** | **(a)** | What are the conditional statements and loops in PHP? Explain with proper syntax. | **(6)** | **Remember** |
|  |  |  |  |  |
|  | **(b)** | What are the different string functions in PHP with their syntax and utilization? Explain any 5 functions with example. | **(6)** | **Understand** |
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|  |  | **OR** |  |  |
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| **Q.4** | **(a)** | Write a PHP script having a function to take a range of number as parameter and print table of the same. | **(6)** | **Apply** |
|  |  |  |  |  |
|  | **(b)** | How to define array in PHP. Explain index based and associative array with example. | **(6)** | **Understand** |
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|  |  | **UNIT-III (CO3)** |  |  |
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| **Q.5** | **(a)** | What are cookies? Why are they used? How do you create, read and delete a cookie? | **(6)** | **Understand** |
|  |  |  |  |  |
|  | **(b)** | Write a PHP code to set a cookie and access it? | **(6)** | **Apply** |
|  |  |  |  |  |
|  |  | **OR** |  |  |
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| **Q.6** | **(a)** | What do you understand by Sessions? What is the utility of session variables? Explain with example. | **(6)** | **Understand** |
|  |  |  |  |  |
|  | **(b)** | Write a code in PHP for visitor counter starting from 121 using session? | **(6)** | **Apply** |
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|  |  | **UNIT-IV (CO4)** |  |  |
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| **Q.7** | **(a)** | How to handle errors in PHP. Explain different types of error handling in PHP with example. | **(6)** | **Understand** |
|  |  |  |  |  |
|  | **(b)** | What is an exception? What is the utility of exception? Explain try, catch and throw in PHP with example. | **(6)** | **Apply** |
|  |  |  |  |  |
|  |  | **OR** |  |  |
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| **Q.8** | **(a)** | Write a PHP code to throw an exception on finding divide by Zero exception. How to define user define exception? Explain with example. | **(6)** | **Apply** |
|  |  |  |  |  |
|  | **(b)** | **Explain different components of exception? Explain exception handling with a**[**finally**](https://www.php.net/manual/en/language.exceptions.php)**block** | **(6)** | **Remember** |
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|  |  | **UNITV (CO5)** |  |  |
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| **Q.9** | **(a)** | Create a database and table taking input from text box. Insert the records through an HTML form in created mysql table. | **(6)** | **Apply** |
|  |  |  |  |  |
|  | **(b)** | Create a student registration form in html and save input information a database “pudb” and table “putab”, print the table data in the form of associative array. | **(6)** | **Apply** |
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|  |  | **OR** |  |  |
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| **Q.10** | **(a)** | What are the different database connection methods of PHP? Explain with example of connecting 4 input text boxes with SQLI. | **(6)** | **Apply** |
|  |  |  |  |  |
|  | **(b)** | Create a customer registration form in html with image upload and save input information a database “CUDB” and table “CUTAB”. Load profile picture just after uploading in a placeholder of 400X400 size. | **(6)** | **Apply** |