Reg. No. | | | | | | | | | | | |

BCACACN 601

Sixth Semester B.C.A. Degree Examination, June/July 2025
(NEP 2020) (2023 – 2024 Batch Onwards)
PHP AND MYSQL

Time : 2 Hours Max. Marks : 60

***Note** : Answer **any six** questions from Part – **A** and **one full** question from **each** Unit of Part – **B**.*

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PART – A

1. a) How do you define a constant in PHP ? Give example. **(6×2=12)**

   b) List any four features of PHP.

   c) Explain the syntax and example of a for loop in PHP.

   d) Give the syntax and example of switch statement in PHP.

   e) Differentiate between formal parameters and actual parameters in PHP functions.

   f) What is the use of var_dump() statement ? Give example.

   g) Differentiate between the POST and GET methods in HTML forms.

   h) What is the purpose of mysqli_query() method ? Give usage example.

PART – B

Unit – I

2. a) Explain various scalar data types in PHP with example.

   b) Write a note on scope of variables in PHP with examples. **(6+6)**

3. a) Explain how embedding PHP code within HTML.

   b) Explain any three categories of Operators with example. **(6+6)**

P.T.O.

Unit – II

4. a) Explain any two types of arrays in PHP with example for each.
   b) Explain while and do...while loops in PHP with example. **(6+6)**

5. a) Explain any four array functions in PHP with example.
   b) Compare and contrast the include() and require() functions in PHP for file inclusion with example. **(6+6)**

Unit – III

6. a) Write a note on :
      i) Variable functions
      ii) Function with default argument
      iii) Function with variable argument.
   b) Explain any six string functions in PHP with example. **(6+6)**

7. a) Explain the concept of inheritance in PHP classes with example.
   b) Explain the process of implementing an interface in PHP with code example. **(6+6)**

Unit – IV

8. a) Explain the key terms used in database management systems, highlighting the significance of concepts such as tables, rows, columns and primary keys.
   b) Explain the process of executing simple queries in MySQL using PHP. Provide a code example demonstrating how to execute a SELECT query and retrieve the results using PHP MySQL functions. **(6+6)**

9. a) Explain any six HTML form input types with usage syntax.
   b) Outline the essential MySQL commands necessary for database management, including creating databases, tables, inserting data, querying data and updating records. **(6+6)**

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