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**BCACACN 601**

**Sixth Semester B.C.A. Degree Examination, June/July 2024  
(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.

**PART – A**

**(6×2=12)**

1. a) What are different ways of writing comments in PHP ? Give example.
- b) What is the difference between == and === in PHP ?
- c) How do you create an array in PHP ? Give example.
- d) Explain the concept of explicit casting in PHP, with an example.
- e) What is a constructor in PHP classes ? How it is declared ?
- f) What are anonymous functions ? Give examples.
- g) What is use of action attribute in HTML form ? Give example.
- h) Differentiate mysqli\_num\_rows( ) and mysqli\_affected\_rows( ) methods.

**PART – B**

**UNIT – I**

2. a) List and explain any six key features of PHP.
- b) Explain various scalar data types in PHP with example. **(6+6)**
3. a) Explain miscellaneous operators with example.
- b) Write a note on scope of variables in PHP with examples. **(6+6)**

**UNIT – II**

4. a) Explain any four array functions in PHP with example.
- b) Explain switch() and for() statements with syntax and example. **(6+6)**

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- 5. a) Explain the process of creating and manipulating indexed arrays 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) Explain any six string functions in PHP with example.
- b) Explain passing parameter by value and by reference with respect to PHP functions. Give example for each. (6+6)
- 7. a) Explain the concept of inheritance in PHP classes with example.
- b) Explain how traits are used in PHP classes with example program. (6+6)

UNIT – IV

- 8. a) Outline the essential MySQL commands necessary for database management, including creating databases, tables, inserting data, querying data and updating records.
- b) Explain the role of HTML forms in web development and discuss two methods for handling form data in PHP. Provide examples to illustrate their usage. (6+6)
- 9. a) Explain any six HTML form input types with usage syntax.
- 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)

