

1547

**B.C.A. (Part-III) Examination – 2024**

**(Faculty of Science)**

**(Three-Year Scheme of 10+2+3 Pattern)**

**306/336 (B)**

**Advance Technologies of Programming Through PHP**

**Time Allowed: Three Hours**

**Maximum Marks: 100**

*Answers of all the questions (short answer as well as descriptive) are to be given in main answer-book only. Answer of short answer type questions must be given in sequential order. Similarly all the parts of one question of descriptive part should be answered at one place in the answer-book. One complete question should not be answered at different places in the answer-book.*

*Write your roll number on question-paper before start writing answers of questions.*

*Question paper consists of three parts.*

*All three parts are compulsory.*

**PART-I: (Very short answer)** consists of 10 questions of 2 marks each. Maximum limit for each question is up to 40 words.

**PART-II: (Short answer)** consists of 5 questions of 4 marks each. Maximum limit for each question is up to 80 words.

**PART-III: (Long answer)** consists of 5 questions of 12 marks each with one question from each unit with internal choice.

**PART-I**

**[10×2=20]**

1. (i) What is PHP?
- (ii) What are superglobal variables in PHP?
- (iii) How can a text be printed using PHP?
- (iv) Name the Entry Control Loop in PHP.
- (v) What will be the result of combining a string with another data type in PHP?
- (vi) How to define a function in PHP?
- (vii) What is the difference GET and POST methods?
- (viii) What is the difference between runtime exception and compile time exception?
- (ix) How can we Create A Database Using PHP And MySQL?
- (x) Which method is responsible for sending the query to the database?

**PART-II**

[5×4=20]

2. (i) What are constants in PHP, and what is the syntax to define them?
- (ii) Which PHP function inserts an element to the end of an array by short example?
- (iii) What is the difference between single quoted string and double quoted string?
- (iv) What are the differences between a session and a cookie?
- (v) How can you open a file in PHP?

**PART-III**

**Unit-I**

3. Differentiate between Server Side Vs Client Side Scripting. Explain the features of PHP. [12]

**OR**

Describe the various data types used in PHP with example. [12]

**Unit-II**

4. Discuss the conditional statements of PHP using examples. [12]

**OR**

Define an Array? Explain about the types of Arrays in PHP with an example. [12]

**Unit-III**

5. Explain the pre-defined and user defined functions in PHP using example. [12]

**OR**

Explain the syntax and usage of any three string functions in PHP. [12]

**Unit-IV**

6. What is Session? Write PHP code to show all the session variable values for a user session. [12]

**OR**

What are cookies? How can you create, access and delete a-cookie in PHP with the help of example. [12]

**Unit-V**

7. Discuss the usage of MySQL commands in PHP with example. [12]

**OR**

Describe the file handling mechanism in PHP in detail. [12]

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