

B.C.A. (Part-III) Examination, 2017

[Time: Three Hours]

[Maximum Marks: 100]

Part – I

1. a) What do you mean by server side programming?
b) Is there any limit on how large a PHP integer value can be?
c) What is the syntax of for loop in PHP? Write the syntax with its explanation.
d) How can we define an array in PHP? Write the syntax to define and initialize an array elements.
e) Explain the use of substr() function in PHP.
f) What is the use of function in PHP? How can we define a function in PHP?
g) What is the use of \$ - GET & \$ - POST variables in PHP?
h) What is the difference between include() and require() function?
i) What is the use of unlink() function in file handling in PHP?
j) Differentiate between DDL and DML.

Part – II

2. Explain various data types supported by PHP.
3. Write various control flow statements used in PHP.
4. Write the advantages to use or create user defined functions in PHP. Also write the code to define a function and calling a function in PHP.
5. What are the different methods to pass data for a form submission?
6. Explain the time complexity of bubble sort algorithm.

Part – III

7. Explain various basic features of PHP.

OR

**Explain various operators supported by PHP environment.
Support your answer with proper syntax.**

- 8. Explain various looping constructs used in PHP. Write a PHP code to print the Fibonacci series in PHP.**

OR

Write a PHP program code to sort an array of 10 elements in ascending order using PHP.

- 9. Write short notes on following string functions :**

a) ltrim() b) strtolower() c) strcmp()
d) explode() e) strrev() f) substr()

OR

Write a PHP code to create the following functions:

- a) Write a PHP function to calculate the factorial of a given number using parameter passing method.
b) Write a PHP function to concatenate two strings.

- 10. What is exception? How we can handle exceptions in PHP?
Write a PHP code to explain exception handling.**

OR

What is cookies? How can we manage the cookies in PHP? How we can create, modify and delete the cookies? Write the PHP code for the same. <https://www.uoronline.com>

- 11. How can we manage the insert and update operations in MY SQL database. Write a PHP program code to perform these operations with a database.**

OR

Write a program code with PHP to create a data entry form and store the data onto a database with proper fields.