

T.Y. B. SC. (Computer Science) SEM –VI (CBCS - 2016 COURSE) :
SUMMER - 2019
SUBJECT : OPEN SOURCE TECHNOLOGIES

Day : Wednesday
Date : 10/04/2019

Time : 03.00 PM TO 06.00 PM
Max. Marks : 60

S-2019-1114

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.

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- Q.1** Answer **ANY TWO** of the following: [12]
- a) Draw and explain architecture of World Wide Web.
 - b) Explain characteristics of PHP.
 - c) Explain scope of local variable and global variable in PHP with example.
- Q.2** Answer **ANY TWO** of the following: [12]
- a) What is 'for each' loop in PHP? Give syntax and one example for the same.
 - b) Discuss LAMBDA function with suitable example.
 - c) Explain string comparison with suitable examples.
- Q.3** Answer **ANY TWO** of the following: [12]
- a) What is the use of count () function in an Array? Write a PHP script to show the use of count () function.
 - b) Explain switch statement in PHP with the help of example.
 - c) Give the syntax and example of following PHP functions:
i) echo() ii) print() iii) printf()
- Q.4** Answer **ANY THREE** of the following: [12]
- a) Write a PHP script to accept 3 numbers and display largest number between them.
 - b) Write a PHP script to accept a number and display factorial of that number.
 - c) Write a PHP script to display contents of a text file on the screen.
 - d) Write a PHP script to accept 'n' numbers in an array and display sum of those 'n' numbers.
- Q.5** Answer **ANY FOUR** of the following: [12]
- a) Write a short note on PHP Security.
 - b) Write a short note on constants in PHP.
 - c) State any three rules for variable declaration in PHP.
 - d) What is string? What are the types of strings in PHP?
 - e) Give the syntax and example for fwrite() function.
 - f) Define the following functions:
i) trim() ii) ltrim() iii) rtrim()

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