

**SUBJECT: OPEN SOURCE TECHNOLOGIES**

Day: -Friday  
Date: 12/04/2019

**S-2019-1157**

Time: 03.00 PM TO 05.00 PM  
Max. Marks: 40

**N.B:**

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

**Q.1** Answer **ANY TWO** of the following: **(10)**

- a) Explain types of functions in PHP with suitable example.
- b) Explain features of PHP.
- c) Write a PHP code to display maximum number between two numbers using function.

**Q.2** Answer **ANY TWO** of the following: **(10)**

- a) Explain data types in PHP with examples.
- b) Explain the syntax of PHP switch case statement with the help of example.
- c) Write a PHP code to create a file and display file contents on the screen.

**Q.3** Answer **ANY TWO** of the following: **(10)**

- a) What is numeric array? Write a PHP code to declare numeric array and display array contents.
- b) Explain following string functions with example -  
i) `str_word_count ( )` ii) `strlen ( )`
- c) Write a PHP code to display sum of first hundred numbers.

**Q.4** Answer **ANY FIVE** of the following: **(10)**

- a) What are different file modes in PHP?
- b) Define index array in PHP.
- c) What are the different types of servers?
- d) State any four advantages of server side scripting.
- e) What are the features of apache server?
- f) State working of PHP.
- g) What is the use of `print_r ( )` function?

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