# LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

## M.Sc. DEGREE EXAMINATION – COMPUTER SCIENCE

THIRD SEMESTER – APRIL 2017

### CS 3820- OPEN SOURCE TECHNOLOGY

Date: 28-04-2017      Dept. No.      Max. : 100 Marks
Time: 09:00-12:00

**PART – A**      **10x2 = 20 marks**

**Answer all**

1. Mention any two characteristics of Open Source.

2. What is LAMP?

3. How to remove a group in Linux?

4. What is at command in Linux?

5. What is CC compiler?

6. Write any two advantages of open office.

7. Write the difference between client and server script language.

8. How to create cookie in PHP?

9. What is MYISAM?

10. Write the code to connect PHP with MySQL.

**PART – B**      **5x8 = 40 marks**

**Answer all**

11.a). Explain the features of WAMP server.

**(or)**

b) Explain the basic commands in Linux.

12.a). Explain about user administration in Linux.

**(or)**

b) Explain about task automation in Linux.

13.a). Write short notes on Mozilla Firefox browser.

**(or)**

b). Explain about features of Open Office.

14.a)Write short notes on different types of array in PHP.

**(or)**

b).Explain about POST and GET method with suitable example.

15. a)Explain about Date and Time functions in PHP.

**(or)**

b).Write the PHP script to perform update operation on a database.

**PART- C**                                        **2x 20 =40 marks**

**Answer any Two**

16. a).Explain  about Linux file system.

b). Explain the functions of RPM

17.a) Explain about multimedia in Linux.

b).Explain in detail about various storage engines in MySQL.

18. a).Write the PHP script to check the user authentication.

b). Explain about the DML commands with example.

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