



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.Sc. DEGREE EXAMINATION – COMPUTER SCIENCE

THIRD SEMESTER – NOVEMBER 2016

CS 3820 - OPEN SOURCE TECHNOLOGY

Date: 03-11-2016
Time: 09:00-12:00

Dept. No.

Max. : 100 Marks

PART – A

Answer all the Questions

10x2 = 20 marks

1. What is FOSS?
2. Write any two advantages of Linux operating system.
3. How to add and remove the user in Linux?
4. How to automate the task in Linux?
5. What is GCC compiler?
6. What is Ghost script? Mention the use of it.
7. What is constant in PHP? Give an example.
8. Write the PHP code to find out the given element present in an array.
9. Write the update query to change the student age.
10. Write the PHP script syntax to throw error message in database connectivity

PART – B

Answer all the questions

5x8 = 40 marks

- 11.a) Explain about characteristics of Open Source.
(or)
b) List out the basic commands in Linux and its usages.
- 12.a). Write a short note on managing Linux printing subsystem.
(or)
b). Explain about RPM.
- 13.a). Explain the advanced features of Mozilla Firefox.
(or)
b). Write the procedure to create table in Open Office.
- 14.a) Explain about string function in PHP
(or)
b). Write the PHP Script to create and retrieve values in multidimensional array.
15. a) Explain about the unique features of MySQL.
(or)
b). Write the PHP Script to perform order by operation

PART- C

Answer any Two of the following questions

2x 20 =40 marks

16. a). Explain about LAMP in detail.

b). Explain about the user and group administration in Linux.

17. a). Explain about multimedia in Linux in detail.

b).Discuss about the following with example

(i) Session

(ii) Cookies

18. a).Explain the different types of storage engines in MySQL.

b).Write the PHP Script to create online application for scholarship and insert the values in the table .
