



**LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034**

**M.Sc. DEGREE EXAMINATION - COMPUTER SCIENCE**

**THIRD SEMESTER – NOVEMBER 2013**

**CS 3820 - OPEN SOURCE TECHNOLOGY**

Date : 07/11/2013  
Time : 9:00 - 12:00

Dept. No.

Max. : 100 Marks

**PART – A**

**Answer all**

**10x2 = 20 marks**

1. Define the term: Open Source
2. Write any two text editing commands of Linux.
3. How to change the user permission in Linux?
4. What is RPM?
5. What is CC compiler?
6. Write any two advantages of Open Office.
7. Write the naming rules of variable in PHP.
8. Differentiate the POST and GET method.
9. Mention any four advantages of MySQL.
10. Write the PHP script to connect with MySQL.

**PART – B**

**Answer all**

**5x8 = 40 marks**

- 11.a) Explain about various benefits of FOSS  
(or)  
b) List out the basic commands in Linux and its usages.
- 12.a). Write short note on managing Linux printing subsystem.  
(or)  
b). Explain about cron command in Linux.
- 13.a). Explain briefly the advanced features of Mozilla Firefox.  
(or)  
b). Write a short note on Open Office tools.
- 14.a) Explain about different operators in PHP  
(or)  
b). Write the PHP Script to find the element in an array.
15. a) Write the PHP Script to post username and password into the table using Form.  
(or)  
b). Write the PHP Script to perform update operation.

**PART- C**

**Answer any Two**

**2x 20 =40 marks**

16. a). Explain in detail about Linux file system with the diagram.  
b). Write in detail about the installation procedure of Linux.
17. a). Explain in detail about user and group administration in Linux.  
b).Discuss about different looping statements in PHP
18. a).Write the procedure to execute SQL commands using MySQL console.  
b).Write the PHP Script to check the authentication of user.

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