

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



M.Sc. DEGREE EXAMINATION – COMPUTER SCIENCE

THIRD SEMESTER – APRIL 2016

CS 3820 – OPEN SOURCE TECHNOLOGY

Date: 27-04-2016

Dept. No.

Max. : 100 Marks

Time: 09:00-12:00

PART – A

Answer **ALL** questions:

(10x2 = 20 marks)

1. Write any two advantages of open source software.
2. Write any two features of Linux operating system.
3. How to add and remove user in Linux?
4. What is the use of Cron command in Linux?
5. List out any four tools used for Multimedia in Linux.
6. Write any two features of Mozilla Firefox.
7. Write any two advantages of server side scripting
8. What are the variable naming rules of PHP?
9. What is storage engine in MySQL? Mention the default storage engine.
10. Write the PHP script for connection string.

PART – B

Answer **ALL** the questions:

(5x8 = 40 marks)

11. a) Write short notes on free open source software.
(or)
b) Explain about Linux file system with a neat diagram.
12. a). Explain how to automate task using Linux.
(or)
b). Explain how software packages can be removed using RPM.
13. a). Explain the working of CC compiler.
(or)
b) Discuss about multimedia in Linux.
14. a) Explain the different types of operators in PHP.
(or)
b). Write a PHP script to search for an element in an array.
15. a) Write short notes different storage engines in MySQL.
(or)
b). Write the PHP Script to retrieve data from the table.

PART- C

Answer any **TWO** questions:

(2x 20 =40 marks)

16. a) Explain the basic and text editing command in Linux.
b) Explain about user and group administration commands in Linux.
17. a) Explain the components of Open Office.
b) Explain about how POST and GET method used to send data to the server.
18. a) Write the PHP Script to insert into the table.
b) Write the PHP Script to create user feedback form and insert the values into the table called feedback.

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