LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.C.A.DEGREE EXAMINATION – **COMPUTER APPLICATIONS**

FIFTH SEMESTER – **NOVEMBER 2018**

16UCA5MC01– OPEN SOURCE TECHNOLOGY

Date: 25-10-2018   Dept. No. [   ]   Max. : 100 Marks

Time: 09:00-12:00

SECTION- A

ANSWER ALL THE QUESTIONS: (10 X 2 = 20)

1. What is the need for Open sources?

2. Define Kernel.

3. What statement is used to set up the MySQL user account?

4. Define Metadata.

5. List out the string functions used in PHP.

6. Define data storage.

7. What is a Tuple?

8. Define Modules.

9. List out data manipulation commands in perl.

10. Write the names of any four PERL packages.

SECTION - B

ANSWER ALL THE QUESTIONS: (5 X 8 = 40)

11. a) Write a short note on applications of open sources technology.

                    (Or)

    b) Explain about Linux basic Commands.

12. a) Describe Record Selection method.

                    (Or)

    b) Explain working with Metadata with an Example.

13. a) Explain Operators in PHP.

                    (Or)

    b) Write a Program to demonstrate sending and receiving e-mails using PHP with
database connectivity.

14. a) Write a short note on python objects.

(Or)

b) Explain about exceptions in python with an example.

15. a) Describe parsing rules in perl.
(Or)
b) Write a short note on subroutines in perl with an example.

SECTION-C

ANSWER ANY TWO QUESTIONS: **(2 X 20 = 40)**

16. a) Explain Kernel mode and user mode in Linux OS.

 b) Describe date and Time Commands in MySql.

17. a) Explain String Manipulation in PHP with an example.

 b) Explain how error is handled in PHP.

18. a) Discuss about functions in python with an example.

 b) Explain Control Structures in perl with an example.

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