

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



B.C.A. DEGREE EXAMINATION – COMPUTER APPLICATIONS

FIFTH SEMESTER – NOVEMBER 2019

16 / 17UCA5MC01 – OPEN SOURCE TECHNOLOGY

Date: 29-10-2019

Dept. No.

Max. : 100 Marks

Time: 09:00-12:00

Part – A

Answer all the questions:

10 * 2 = 20

1. What is open source software?
2. What are the advantages of Linux?
3. What is MYSQL? Why do so many organisation use MYSQL?
4. How to sort and MYSQL Query Result.
5. How to run PHP Script?
6. Give the general form for defining the functions in PHP?
7. What is PYTHON Module?
8. What are the Supported data type of PYTHON?
9. What is PERL?
10. What is a subroutine?

Part – B

Answer all the questions:

5 * 8 = 40

11. Write about the application of Open Source.
or
Write any four Basic Linux Commends.
12. Explain setting up account in MYSQL
or
Define sequences and explain with example.
13. Explain variable, constant, Data types in PHP with example
or
How sending and receiving E-mail can be achieved.
14. Write note on Lists and Dictionaries
or
How will you create a function in PYTHON? Explain with example
15. Explain Features of PERL
or
Write about PERL Packages with example.

Part – C

Answer any TWO questions:

2 * 20 = 40

16. A. Discuss Kernal mode and user mode of operations in LINUS environment.

or

B. Explain Data and Time Functions in MYSQL.

17. A. Discuss about any ten string manipulation and expression in PHP with suitable example.

or

B. Explain in detail and Exception heating in PYTHON with suitable example.

18. A. Explain control structures in PERL with best example.

or

B. Discuss about operators in PHY with suitable example.

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