

Reg. No.

--	--	--	--	--	--	--	--	--	--

BCACAC 318



**Credit Based Fifth Semester B.C.A.
Degree Examination, October/November 2017
(Common to all Batches) (New Syllabus)
LAMP TECHNOLOGY
Elective : Stream – II**

Time : 3 Hours

Max. Marks : 100

Note : Answer *any ten* questions from Part – A and *one full* question from *each* Unit of Part – B.

PART – A

1. a) What is RPM ? What is its use ? (10×2=20)
- b) What is swap partition ? What is its maximum limit in RedHat Linux ?
- c) Differentiate locate and find commands.
- d) List any two important features of Apache.
- e) Differentiate IP based Virtual Hosts and Name based Virtual Hosts.
- f) Explain Document Root environment entry in httpd.conf file.
- g) What is a PHP file ? List its features.
- h) Explain in brief MySQL.
- i) Write commands to make sure that MySQL starts at the time the machine boots.
- j) Differentiate echo and print statement in PHP.
- k) Differentiate include() and require() functions.
- l) Give syntax of mail() function in PHP.



PART – B
Unit – I

2. a) Explain the Linux Package distributions.
b) Explain in brief :
i) ln
ii) mv
iii) locate
iv) man
v) more.
c) Assuming a 10GB disk, recommend Linux partitions in it. (5+10+5)
3. a) Explain the standard shortcuts used with cd command.
b) Explain in brief :
i) /bin
ii) /usr/tmp.
c) List any five File System Essentials.
d) What is command aliasing ? Explain with example. (5+5+5+5)

Unit – II

4. a) Write a note on configuring Apache Web Server.
b) List and explain any five important entries in httpd.conf file.
c) Explain how one can add additional options to directories ?
Give examples. (5+10+5)
5. a) What do you mean by Virtual Hosting ? Explain IP based and Name based Virtual Host.
b) Write a note on Apache Modules.
c) Give a sample httpd.conf configuration file for the LAMP framework. (10+5+5)

Unit – III

6. a) Explain the execution of a CGI program with the help of a diagram.
b) Write a note on MySQL data types.

- c) Write a note on installing and configuring PHP.
- d) Explain with example the following MySQL commands :
- i) UPDATE
 - ii) DELETE.
- (5+5+5+5)
7. a) Explain different ways in which SELECT command is used in MySQL.
- b) Explain with example the following MySQL commands.
- i) DESCRIBE
 - ii) CREATE.
- c) With the help of a diagram explain the request/response Internet paradigm.
- (8+6+6)

Unit – IV

8. a) Explain with syntax and example if, switch, while, for, do..while, for each statements in PHP.
- b) Write a note on arrays in PHP.
- c) Explain the following functions with syntax :
- a) fopen()
 - b) fread()
- (10+6+4)
9. a) Write a note on Strings in PHP. Explain any two functions related to string operation.
- b) Explain date() function with its syntax. List and explain any 2 format strings which can be used with it.
- c) Explain the following functions with syntax :
- i) mysql_connect()
 - ii) mysql_connect_db()
 - iii) mysql_query().
- (7+7+6)
-