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BCACAC 318



Credit Based Fifth Semester B.C.A. Degree Examination, Nov./Dec. 2018
(Common to all Batches)

LAMP TECHNOLOGY
Elective Stream – II

Max. Marks : 100

Time : 3 Hours

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

PART – A

(10×2=20)

1. a) What is RPM ? What is its use ?
- b) What is swap partition ? What is its maximum limit in RedHat Linux ?
- c) Differentiate process and daemons.
- d) List any two important features of Apache.
- e) What is the use of VirtualHost directive in the httpd.conf file ?
- f) Specify the purpose of DocumentRoot environment entry in httpd.conf file.
- g) What is a PHP file? List any two features.
- h) What is BLOB ? List different types of BLOBs available in MySQL.
- i) Write commands which makes sure that MySQL starts at the time of the machine boots.
- j) Explain \$ _ SERVER variable. List any two options of it.
- k) Differentiate include() and require() functions.
- l) Give syntax of mail() function in PHP.

PART – B

UNIT – I

2. a) Explain in brief any five Linux Packaged Distributions.
- b) Explain in brief
 - i) ln
 - ii) mv
 - iii) locate
 - iv) chkconfig
 - v) which.
- c) Assuming a 10GB disk, recommend Linux partitions in it.

(5+10+5)

P.T.O.



3. a) List and explain any five Linux commands.
b) Explain in brief
i) /bin
ii) /usr/tmp
iii) /boot
c) Explain standard shortcuts used with cd command.

(10+6+4)

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 Name based Virtual Host.
5. a) Explain IP based Virtual Host and Name based virtual host.
b) Write a note on Apache Modules.
c) List any five values to the options directives.

(5+10+5)

(10+5+5)

UNIT – III

6. a) With the help of a diagram explain the request/response Internet paradigm.
b) List benefits and drawbacks in running PHP as Server Side Scripts.
c) Explain with example the following MySQL commands
i) CREATE
ii) ORDER
iii) DESCRIBE
d) Write a note on how to create, use and grant permission for a new user on a database in MySQL.
7. a) Write a note on various integer, date and character data types in MySQL.
b) Explain different ways in which SELECT command is used in MySQL.
c) Explain the execution of a CGI program with the help of diagram and example.

(5+4+6+5)

(6+8+6)



UNIT – IV

8. a) List and explain in brief :
- i) Assignment operators
 - ii) Comparison operators.
- b) Write a note on arrays in PHP.
- c) Explain the following functions with syntax
- i) fopen ()
 - ii) fread ()
- d) What is a cookie ? Explain how to create and retrieve cookies in PHP. (6+5+4+5)
9. a) Explain how to establish connection to database and execute query on database in PHP. Give example.
- b) Explain date() function with its syntax. List and explain any four format strings which can be used with it.
- c) Explain mail() function with its syntax. Give example.
- d) Write a note on strings in PHP.

(5+6+6+3)