

E 7621

(Pages : 3)

Reg. No.....

Name.....

B.C.A./B.Sc. DEGREE (C.B.C.S.S.) EXAMINATION, MARCH 2014

Sixth Semester

Branch : Computer Applications

Choice Based Core Course—LINUX OPERATING SYSTEM

(Common for B.C.A. and B.Sc. Computer Applications)

Time : Three Hours

Maximum Weight : 25

Part A

Answer all questions.

Weight one each for bunch of 4 questions.

Part A

Answer all questions.

1 weight for a bunch of 4.

- I. 1 UNIX is a multi user. True/False.
2 The maximum length allowed for a Linux file name is _____.
3 The code of Linux is freely accessible. True/False.
4 _____ Command displays data and time.
- II. 5 The directory that stores of data in Linux is :
(a) /etc. (b) /dev.
(c) /lib. (d) /bin.
- 6 Cal Command displays calendar of _____.
(a) Current year. (b) Current month.
(c) 5 years from now. (d) None of these.
- 7 _____ is the symbol used to represent home directory.
(a) . (b) ..
(c) ~. (d) //.
- 8 _____ command in vi editor deletes character before cursor.
(a) X. (b) XX.
(c) dd. (d) D.

Turn over

- III. 9 Which of the following is not a Linux command ?
- (a) is. (b) list.
(c) pwd. (d) chmod.
- 10 _____ is the command to change group in UN.
- 11 Cat > txt/
- (a) Displays content of txt/. (b) Concatenate txt/ with another file.
(c) Create a file name txt/. (d) None of these.
- 12 _____ shell command shows difference between two files line by line.
- (a) cmp. (b) diff.
(c) wc. (d) None of these.
- IV. 13 Expand DNS.
- 14 Apache is a web server. True/False.
- 15 _____ is not a filter shell command.
- (a) Head. (b) Tail.
(c) Cut. (d) Is.
- 16 Both files ends with _____ extension.

(4 × 1 = 4)

Part B

Answer any five questions.

Weight 1 each.

- 17 What is a Filter ?
- 18 What is Samba ?
- 19 What is the use of expr ?
- 20 What is a process ?
- 21 What is Kernel ?
- 22 What is the use of rpm command ?
- 23 Write few system shell variables.
- 24 What do you mean by batch commands ?

(5 × 1 = 5)

Part C

*Answer any four questions.
Weight 2 each.*

- 25 Short note on Linux architecture.
- 26 Short note on FTP.
- 27 Explain passing of parameters and arguments to shell program with suitable example.
- 28 Write a shell program to read two file names and concatenate it.
- 29 Explain chmod, chown, chgrp commands.
- 30 Short note on vi editor.

(4 × 2 = 8)

Part D

*Answer any two questions.
Weight 4 each.*

- 31 Describe simple filter commands and filters using regular expression.
- 32 Describe conditional and looping statements in hash.
- 33 Explain in detail :
 - (a) DHCP.
 - (b) Telnet.
 - (c) File processing commands.
 - (d) Inode table.

(2 × 4 = 8)