BSC DEGREE (CBCS) EXAMINATION , MAY 2019

Fourth Semester

Core Course - CS4CRT10 - LINUX ADMINISTRATION

(Common for B.Sc Computer Applications Model III Triple Main,B.Sc Computer Science Model III,B.Sc Information Technology Model III,Bachelor of Computer Application)

2017 ADMISSION ONWARDS

07C60BA4

Maximum Marks: 80   **Time: 3 Hours**

Part A

Answer any **ten** questions.

Each question carries **2** marks.

1.   How Linux differs from other operating system like MS Windows?

2.   What is super block?

3.   What is file command?

4.   What is meant by background processing in Linux ?

5.   Which command is used to count the total number of words, lines and characters in a file?

6.   What are the different modes of vi editor?

7.   Give syntax of case statement.

8.   Write commands to display first commandline argument and total number of commandline arguments in a shell script.

9.   Define group add command in Linux.

10. Define the term superuser.

11. What is the difference between head and tail filters?.

12. What is samba?

(10×2=20)

Part B

Answer any **six** questions.

Each question carries **5** marks.

13. Explain Linux file system in detail

14. Write short note on Linux standard directories.

15. What is Linux Redirection? Explain the different types of redirection with suitable examples.

16. List out the usages of find command in locating files and directories.

17. Describe the use of conditional statement in shell scripts with suitable example.

18. Explain different types of variables in shell script.

19. Discuss how a system administrator can manage its user account.

20. What is DNS Server?

21. What is Telnet? What all are the advantages and disadvantages of using Telnet?

(6×5=30)

Part C

Answer any **two** questions.

Each question carries **15** marks.

22. Explain the following Linux concepts: (a) Connecting process using pipes. (b) Explain different mathematical commands.

23. What is a shell in Linux? Compare different shells available in Linux.

24. Explain the common administrative tasks in Linux.

25. Write a note on Apache Server.

(2×15=30)