BSC DEGREE (CBCS) EXAMINATION , MARCH 2020

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

A1A2535C

Time: 3 Hours

Marks: 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. What is the role of kernel?

2. What is the difference between home directory and working directory?

3. Which are the commands used to create files in Linux?

4. What are pipes?

5. What is meant by redirecting input/output?

6. What is the usage of nohup command in Linux?

7. What is shell environment?

8. Explain features of BASH shell.

9. Explain the use of chmod command.

10. Describe the use of chmod command.

11. What is the difference between grep and egrep commands?

12. What is FTP?

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. What are the advantages of Linux operating system?

14. Describe ls and cd commands.

15. How Linux perform process scheduling with at and batch command?

16. What are editors? Explain vi editors.

17. Describe case statement in shell script .

18. What is command line arguments. How will you use command line arguments in a shell script.

19. Discuss the central concepts of a file system in Linux.

20. What is pr filter ? Explain with options.

21. Write short note on squid server.

(6×5=30)

Part C

Answer any two questions.

Each question carries 15 marks.

22. Explain any five file processing commands in Linux with its syntax and suitable examples.

23. a).What are the different type of shell variables in Linux? b) Write short note on shell keywords.

24. What are the roles and responsibilities of a system administrator?

25. Write short note on a) Appache b)Samba c)Telnet

(2×15=30)