

QP CODE: 21101020



Reg No : .....

Name : .....

**B.Sc/BCA DEGREE (CBCS) EXAMINATION , MARCH 2021**

**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

2FACBD14

Time: 3 Hours

Max. Marks : 80

**Part A**

*Answer any **ten** questions.*

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

1. What is i-node table?
2. What is file command?
3. Which are the commands used to create files in Linux?
4. What is meant by redirecting input/output?
5. What is meant by batch command in Linux?
6. What is the use of file and touch command in Linux?
7. What is commandline argument? Write command to display total number of commandline arguments in a shell script.
8. What is a shell keyword? Give example.
9. Define system automation.
10. Differentiate between absolute mode and symbolic mode in FAP.
11. What is the use of sed command?
12. What is DNS?

(10×2=20)

**Part B**

*Answer any **six** questions.*

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





13. Which are the hardware requirements for Linux installation?
14. Explain Linux file system in detail.
15. What are file processing commands in Linux? Explain with suitable examples.
16. What are editors? Explain vi editors.
17. What are the different shells available in Linux?
18. Describe case statement in shell script.
19. Describe how can you create and manage a group?
20. Write short note on squid server.
21. Explain FTP in Detail.

(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. Explain decision making and branching statements with examples.
24. a) Explain file access permission in detail. b) What is the use of uname and hostname commands in Linux.
25. With example explain different filters available in linux.

(2×15=30)

