Reg. No. : ....

Name : ....

V Semester B.Sc. Degree (CBCSS – O.B.E. – Regular/Supplementary/ Improvement) Examination, November 2023
(2019 – 2021 Admissions)
CORE COURSE IN COMPUTER SCIENCE
5B11CSC-B : Linux Administration

Time : 3 Hours

Max. Marks : 40

PART – A
(Short Answer)

Answer **all** questions.   (6×1=6)

1. What is a Kernel ?

2. What is GUI ?

3. The numeric value of execute permission is

4. The command used to copy files is

5. What is a file system ?

6. What is redirection ?

PART – B
(Short Essay)

Answer **any 6** questions.   (6×2=12)

7. Explain service command.

8. Explain any two wild cards in Linux.

9. Write a note on logrotate utility.

10. Explain startup scripts.

11. Why Linux is considered as an open source software ?

12. Explain cat command with an example.

13. List the different types of files in Linux.

14. Define the term system administration. List any two administrative tasks.

PART – C
(Essay)

Answer **any 4** questions. (4×3=12)

15. Write a note on RPM.

16. Briefly explain pipes in Linux.

17. Differentiate between while and until loop.

18. Explain MBR and SWAP.

19. Explain different types of shell.

20. Briefly explain the run levels in Linux.

PART – D
(Long Essay)

Answer **any 2** questions. (2×5=10)

21. Explain different backup and restore methods in Linux.

22. Explain vi editor. Discuss the various modes and commands used in vi editor.

23. Explain the benefits and features of Linux.

24. Explain file access permissions. How will you change the permissions for a file? Give examples.

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