

Register No.: Name:

SAINTGITS COLLEGE OF ENGINEERING (AUTONOMOUS)

(AFFILIATED TO APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, THIRUVANANTHAPURAM)

**FOURTH SEMESTER INTEGRATED M.C.A DEGREE EXAMINATION (S), AUGUST 2023
(2020 SCHEME)****Course Code: 20IMCAT202****Course Name: Linux/Unix Fundamentals****Max. Marks: 60****Duration: 3 Hours****PART A*****(Answer all questions. Each question carries 3 marks)***

1. Write a short note on the shells available in Linux.
2. Compare Linux with Unix.
3. What are the functions of text editors?
4. Differentiate local and global shell variables.
5. Explain standard input file.
6. What is tee command?
7. What are the qualities of good back up?
8. Differentiate compress and gzip utility.
9. Compare xinetd and inetd.
10. Write a note on e-mail daemons.

PART B***(Answer one full question from each module, each question carries 6 marks)*****MODULE I**

11. Elaborate directory commands in Linux . (6)

OR

12. What are the features and utilities available in Linux? (6)

MODULE II

13. Write a note on editors available in Linux. (6)

OR

14. a) What is shell scripting? (2)
b) Write a sample shell script to demonstrate conditional statements. (4)

MODULE III

15. Write a note on filters available in Linux. (6)

OR

16. What is redirection in Linux? (6)

MODULE IV

17. Explain tar command with possible operations. (6)

OR

18. Briefly explain pine utility with options. (6)

MODULE V

19. What are Kernel daemons in Linux? Explain. (6)

OR

20. Write a note on installing, upgrading, uninstalling, querying and verifying in RPM. (6)
