

(FOR THE CANDIDATES ADMITTED

SUBJECT CODE **21UCT413**

DURING THE ACADEMIC YEAR 2021 – 2022 ONLY)

REG.NO.

N.G.M. COLLEGE (AUTONOMOUS): POLLACHI

END-OF-SEMESTER EXAMINATIONS: MONTH AND YEAR

B.Sc. – COMPUTER TECHNOLOGY

MAXIMUM MARKS: 70

IV SEMESTER

TIME: 3 HOURS

PART – III

CORE IX: LINUX AND SHELL PROGRAMMING

SECTION – A

(10 X 1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS.

MULTIPLE CHOICE QUESTIONS.

(K1)

1. What is the core of the Linux operating system?
a) Vi Editor b) Command line c) Terminal d) Kernel
2. Which Linux command is used to remove files?
a) Remove b) rm c) Delete d) Del
3. Which Linux command with vi Editor is used to delete a single character?
a) D b) R c) X d) C
4. With an extension .sh the shell scripts are saved.?
a) False b) True c) Both (a) and (b) d) None of these
5. Which Linux command is used to see the available disk space in each of the partitions in your system?
a) Disk b) Diskspace c) Available d) df

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES.

(K2)

6. List the Salient Features of Linux.
7. Explain the use of cfdisk command.
8. Explain the use of cw command in Vi editor
9. Explain Command line arguments.
10. Explain Find command .

SECTION – B

(5 X 4 = 20 MARKS)

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.

(K3)

11. a) Describe Bourne Shell.

(OR)

- b) Show the use of Touch command.

12. a) Describe Boot block and supper block.

(OR)

- b) Describe grep command.

13. a) Describe overwriting text in vi.

(OR)

- b) Describe batch command.

14. a) Show the limitations of shell scripting.

(OR)

- b) Differentiate between Bourne Shell and C Shell.

15. a) Write a short note on cpio.

(OR)

- b) Describe afio.

SECTION – C

(4 X 10 = 40 MARKS)

ANSWER ANY FOUR OUT OF SIX QUESTIONS.

(K4/K5)

(16th QUESTION IS COMPULSORY AND ANSWER ANY THREE QUESTIONS)

16. Explain Directory Related Commands
17. Discuss Miscellaneous Commands
18. Discuss File Compression
19. Discuss – Scheduling of Processes
20. Explain logical operators
21. Explain and install and how to managing printers in Linux Programming.