20UCS517

FOR THE CANDIDATES ADMITTED
DURING THE ACADEMIC YEAR 2020 ONLY)   REG.NO

NGM COLLEGE (AUTONOMOUS) POLLACHI

END-OF-SEMESTER EXAMINATIONS: DECEMBER-2022

B. Sc-Computer Science (Aided & SF)   MAXIMUM MARKS: 70

V SEMESTER   TIME: 3 HOURS

PART III

LINUX

SECTION – A   (10 X1 = 10 MARKS)
ANSWER THE FOLLOWING QUESTIONS
MULTIPLE CHOICE QUESTIONS   (K1)

1. Unix OS was first developed by _____
    a) Dennis Ritchie   b) Bjarne Stroustrup
    c) Ken Thompson   d) Brain Kernighan

2. You can change your password whenever you're logged in, by using the ___ command.
    a) password   b) pass   c) root   d) logged in

3. The __ program is the original editor that has been a part of Unix.
    a) ed   b) vi   c) ex   d) shell

4. _____ is the exit status of a command
    a) $0   b) $>   c) $1   d) $?

5. Test statement cannot _____
    a) Compare two numbers   b) Compare two strings
    c) Compare two files   d) Compare file attribute

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES   (K2)

6. What is open source

7. Demonstrate the banner command.

8. State the command for wall

9. Define the term shell.

10. Expand the command su

SECTION – B   (5 X 4 = 20 MARKS)
ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.   (K3)

11. a) Describe Linux system organization.
                    (OR)
    b) Demonstrate the miscellaneous commands in linux.

ETHICAL PAPER

12.   a) Examine Disk related commands in linux.
                                                (OR)
        b) Elucidate file commands in linux.

13.   a) Explain the block commands
                                                (OR)
        b) Outline the scheduling of process.

14.   a) Illustrate creation and execution of shell script with example.
                                                (OR)
        b) Interpret merging stream function.

15.   a) Explain creating device files
                                                (OR)
        b) Illustrate backup utilities

SECTION – C   (4 X 10 = 40 MARKS)
ANSWER ANY FOUR OUT OF SIX QUESTIONS.
(16TH QUESTION IS COMPULSORY AND ANSWER ANY THREE
QUESTIONS FROM Q.NO: 17 TO 21)   (K4) OR (K5)

16.   Classify the types of shells**.**

17.   Demonstrate directory related commands.

18.   Discuss the merits of boot block.

19.   Evaluate various modes of operations.

20.   Describe shell variables.

21.   Summarize the functions of system administrator.

A-11   **********************