



RAN-2511000905044001

T. Y. B. C. A. (Sem. - V) Examination October - 2025
Linux Operating System (TH) New (Paper - 501-MN-1)

[Total Marks: 25

સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
 Fill up strictly the above details on your answer book.

Seat No.:

--	--	--	--	--	--

Student's Signature

SET - 2

Q. 1. A. Write answers of following Multiple Choice Questions (Any 4 out of 5) (04)

- Which directory under the root contains the information on devices?
 A) /etc/dev B) /usr/dev
 C) /usr/peripherals/dev D) /dev
- Which command is used to remove the write permission of the file 'note' from both the group and others?
 A) chmod go+w note B) chmod go+rw note
 C) chmod go-w note D) None of the above
- How to create a new file without opening it?
 A) create filename B) write filename
 C) cat filename D) more filename
- To suppress the behavior of 'p' command of sed, we use _____ option.
 A) -q B) -n
 C) -i D) -v
- To add two spaces before every line in emp.lst which command is used?
 A) sed 's///' emp.lst B) sed 's/^/' emp.lst
 C) sed 's/\$/' emp.lst D) sed 's/\$/'

Q. 1. B. Write answers for the following (Any 4 out of 5) (04)

- How do you delete a file using the rm command safely?
- What is the purpose of the pwd command?
- How can you remove an empty directory with rmdir?
- What is a process in Linux Operating System?
- What is the purpose of the sed command in Linux?

Q. 2. A. What are the main components of Linux operating system? (05)

OR

Q. 2. A. What is the Linux directory structure? (05)

Q. 2. B. How does the batch command differ from at command? (04)

Q. 3. Write answers for the following (Any 2 out of 3)

(08)

1. Explain expr command with example.
 2. Explain how to replace a word or pattern using sed.
 3. Define Process. What is the meaning of question mark (?) in TTY column?
-