

Total No. of Pages : 02

Total No. of Questions : 09

B.Tech (IT) (Sem.-6)

NETWORK OPERATING SYSTEM

Subject Code : IT-326

Paper ID : [A0527]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A** is **COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **FIVE** questions carrying **FIVE** marks each and students have to attempt any **FOUR** questions.
3. **SECTION-C** contains **THREE** questions carrying **TEN** marks each and students have to attempt any **TWO** questions.

SECTION-A

Q1. Write short notes on :

- What are features of Linux?
- What is Linux Login process?
- Define superuser access.
- How many options are available for *who* command? Write with syntax.
- Why do we use pathname expansion?
- How would you move cursor in *vim*?
- What is the mail utility's prompt in send mode?
- How you can redirect the standard input stream of a file?
- Define the use of Pipes.
- What are libraries in Linux?

SECTION-B

- Q2 Explain root, current and home directory in LINUX operating system.
- Q3 What is the basic directory structure and access permissions in Linux?
- Q4 Explain the options of grep command by taking example.
- Q5 How you can obtain the user and system information in Linux?
- Q6 Which are the features of TC Shell that are common to Bourne Shell?

SECTION-C

- Q7 Explain Emacs editor illustrating its editing commands. What is the use of customizing emacs?
- Q8 Explain Shell script. Write a shell script using while loop to print 10 numbers.
- Q9 Discuss the steps of how to debug C programs in Linux using gdb.