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Total No. of Pages : 2

Total No. of Questions : 09

B.Tech. (IT) (Sem.-6th)**NETWORK OPERATING SYSTEM**

Subject Code : IT-326 (2007 & Onward Batches)

Paper ID : [A0527]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION 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 has to attempt any **FOUR** questions.
3. **SECTION-C** contains **THREE** questions carrying **TEN** marks each and students has to attempt any **TWO** questions.

SECTION-A

1. Answer briefly :

- a) What is pipe command?
- b) What is echo command?
- c) What is purpose of test command?
- d) What is multiuser operating system?
- e) What is i-node structure?
- f) What is PS command?
- g) What is operating system?
- h) What is kill command?
- i) How background process run in Linux?
- j) What is tee command?

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SECTION-B

2. What are characteristics of LINUX OS?
3. Write a shell script to find sum of digits.
4. Explain file structure of Linux.
5. How compressing and achieving of files is done in Linux?
6. Explain different control structures used in shell script.

SECTION-C

7. Compare and contrast Emacs and Vi editor.
8. a) Explain chmod command with all its options
b) How dual booting is done?
9. Compare TC, Bourne and korn shell with appropriate example.