



# TONTADARYA COLLEGE OF ENGINEERING

(Department of Computer Science)

## Internal Assessment – II (18CS56)

Subject : UP

Semester : 5

Date : 22-12-2021

Time : 12.00 to 1.30

Answer following questions choosing one question from each part

Total Marks: 50

### PART-A

CO

Q1

- a) Which are standard files used in UNIX? Explain. 9M (CO2)
- b) Define wild card, explain shell wild card. 8M (CO2)
- c) Explain shell interpretive cycle. 8M (CO2)

OR

Q2

- a) With the help of an example, explain grep command with all the options. 9M (CO2)
- b) Explain the three different forms of if conditional statement. 8M (CO2)
- c) Write a shell program to do the following: i)list of files ii)processes of user iii)today's date v)user's of the system. Using case conditional. 8M (CO2)

### PART-B

CO

Q3

- a) Explain how test statement is applicable to numeric, string comparisons 9M (CO2)
- b) Discuss the statement in shell script with example's ii)for iii)while 8M (CO2)
- c) .Discuss how 'link' and 'unlink' system calls can be used to implement 'mv' command in UNIX. 8M (CO3)

OR

Q4

- a) Explain open API with prototype. 9 M (CO3)
- b) Explain fcntl API. 8M (CO3)
- c) Discuss the working of 'lseek' system calls. Explain all the parameters in detail. 8M (CO3)

Course Outcome	Complete Title
CO2	Illustrate Shell programming and to write Shell Scripts.
CO3	Categorize, compare and make use of Unix System Calls.