

TCS-402/TIT-402

1076/1077

Even Semester Examination 2018-19

B.Tech. (CSE & IT) (SEMESTER-IV)

UNIX AND SHELL PROGRAMMING

Time: 03:00 Hours

Max Marks :50

Note: Attempt all question

Q:-1 Attempt any four questions :

[4×5=20]

- (a) Describe Unix Operating System
- (b) What is a kernel
- (c) Define Shell
- (d) Describe unix file system in detail
- (e) Describe features of VI editor

Q:2 Attempt any two questions :

[2×5=10]

- (a) Describe following utilities in unix
 - (i) echo
 - (ii) script
 - (iii) passwd
 - (iv) who
 - (v) uname
- (b) What is the difference between zip and gzip command
- (c) What is functionality of dos2unix and unix2dos commands.

Q.3 Attempt **any two** questions : [2×5=10]

- (a) What is a shell script? Explain using examples
- (b) How Decision making and Loop control done in a shell script
- (c) Write a shell script to count all regular files in present working directory

Q4. Attempt **any two** questions : [2×5=10]

- (a) Describe file system and mounting and unmounting of unix file system
- (b) How user quota and accounting managed in unix system
- (c) What are various backup utilities in UNIX.

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