

**T.Y.B.SC. (COMPUTER SCIENCE) SEM –VI (2014
COURSE) : SUMMER - 2018
SUBJECT : LINUX PROGRAMMING**

Day : **Tuesday**
Date : **10/04/2018**

S-2018-0861

Time : **12.00 NOON TO 02.00 PM**
Max. Marks : 40

N. B. ;

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat and labelled diagram **WHEREVER** necessary.
-

Q. 1 Answer **ANY TWO** of the following: **(10)**

- a) Describe the architecture of Linux in detail.
- b) Explain if statement used in shell programming with example.
- c) Write a note on awk.

Q. 2 Answer **ANY TWO** of the following: **(10)**

- a) Describe grep command with their options and example of each option.
- b) Explain the following commands with their syntax and example:
i) cp ii) cd iii) bc iv) date v) who
- c) Explain ls command in detail.

Q. 3 Answer **ANY TWO** of the following: **(10)**

- a) Write a shell program to find factorial of a given number.
- b) Describe case statement in shell programming with suitable example.
- c) Explain file system in Linux.

Q. 4 Answer **ANY FIVE** of the following: **(10)**

- a) Define operating system.
- b) Write a purpose of tr command.
- c) What is use of egrep?
- d) Write different options of cal command.
- e) What are the permissions of file?
- f) Give the name of numerical comparison operators used in test.
- g) Define shell script.

* * * * *
