

BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)

Term-End Practical Examination
June, 2018

00044

BCS-061(P)/S3 : TCP/IP PROGRAMMING

Time : 2 Hours

Maximum Marks : 30

(Weightage : 15%)

Note : *There are two **compulsory** questions. Marks are indicated against each question. Rest 10 marks are for viva-voce.*

1. Run the following Unix commands and show/write their output : 10
 - (a) netstat -a
 - (b) tcptrack
 - (c) nslookup
 - (d) ping

2. Write and execute a client and a server program using 'C' language in Unix with the following specifications : 10
 - TCP client program will send a string to the server.
 - TCP server will count the number of characters in the string.