

BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)

Term-End Practical Examination

December, 2015

00039

BCS-061(P)/S1 : 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 : 5
 - (a) netstat -a
 - (b) tcptrack

 2. Write and run a TCP Client and a TCP Server program using C language in Unix/Linux as per the following details : 15
 - Client program will send a string including " " Blank spaces and numeric values to the TCP Server.
 - TCP Server can handle maximum 3 Clients at a time. It will count the number of characters in that string and return back to the Client.
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