BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)
Term-End Practical Examination
December, 2015

BCS-061(P)/S4 : 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) nslookup

    (b) route

2. Write and run a TCP Client and a TCP Server program using C language in Unix/Linux as per the following details :   15

    •   TCP Client will send a list of numbers to the Server.

    •   TCP Server can handle maximum 3 Clients at a time. TCP Server will find the largest number from the list and return back to the Client.