BACHELOR OF COMPUTER APPLICATIONS (Revised)

(BCA)

Term-End Practical Examination

June, 2017

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. Write Unix command(s) for the following :   5

   (a) Show the routing tables in the network.

   (b) Find the value of TTL field of a packet.

2. Write and run a client and a server program using C language in Unix, as per the following specifications :   15

   • A UDP client program will send 10 different integer values to the server.

   • UDP server will return back the sorted list of these integers to the client.