

BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)

00659

Term-End Practical Examination

December, 2014

BCS-061(P)/S2 : TCP/IP PROGRAMMING

Time : 2 Hours

Maximum Marks : 30

(Weightage : 15%)

Note : (i) There are **two compulsory** questions, carrying 10 marks each.

(ii) 10 marks are for viva-voce.

1. Write Unix/Linux commands for the following operations : 10
 - (a) Display the ARP Cache.
 - (b) Find the total hops connected in your network.

 2. Write and run a TCP client and a TCP server program using C language in Unix/Linux as per the following specifications : 10
 - TCP client will send a list of numbers to the server.
 - Server will return back the smallest number in that list. (Maximum 3 clients can communicate concurrently to the server)
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