

BACHELOR OF COMPUTER APPLICATIONS (BCA)

Term-End Practical Examination

00368

June, 2016

BCS-061 (P) - Set - 3 : 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 operations : 5
 - (a) Display 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/Linux; with 15
the following details :
 - A UDP client program will send an array of 10 integer values to the server.
 - UDP server will send back the sorted list of these numbers to the respective client.