BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)
Term-End Practical Examination
December, 2017

00472

BCS-061(P)/S4 : TCP/IP PROGRAMMING

Time : 2 Hours　　　　　　　　　　　　　　　　　　*Maximum Marks : 30*

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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 tasks :　　　　　5

　(a)　Find the round trip time from a host machine to another machine using IP address.

　(b)　Find the subnet mask of the host machine.

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

　•　UDP client will send an alphabet character to the server.

　•　UDP server will return its ASCII value to that client as a result.

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