SET - 3

BACHELOR OF COMPUTER APPLICATIONS

Term-End Practical Examination

00971

June, 2013

BCS-061 (P) : TCP/IP PROGRAMMING

Time allowed : 2 hours

Maximum Marks : 30
(Weightage : 15%)

Note :   There are **two compulsory** questions.   Marks are indicated against each question. **10** marks are for **viva-voce**.

1.   Write Unix Commands for the following operations :   5

(a)   To display network connections, routing tables and interface statistics

(b)   To trace new route to machine on same subnet.

2.   Write and run a client and a server program using 'C' language in UNIX with the   15 followng specifications.

   •   A UDP client will send a sentence (English words) to the server.

   •   A UDP server will calculate the number of words in that sentence and send that number to the client.

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