

BACHELOR OF COMPUTER APPLICATIONS

Term-End Practical Examination

04395

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 check the Connection Working Condition between user and other hops (in the network).
 - (b) To display and change ARP Cache.

2. Write and run a client and a server program in 'C' language. A TCP client sends two strings (string 1 and string 2) to the TCP server. It will accept both strings and send back the concatenated string (string1-string2) to the client. The client will print the result. 15