

**BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)**

Term-End Practical Examination

December, 2016

00273

BCS-061(P)/S2 : 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 commands for the following operations : 5
 - (a) To display and change ARP cache.
 - (b) To find subnet masking and physical address of a machine.

 2. Write and run a client and a server program in C-language. The TCP client sends two strings (String 1 and String 2) to the TCP server. The server will concatenate these strings and send back the result to the respective client. Server can handle maximum 4 clients simultaneously. 15
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