

Bachelor in Computer Applications
Term-End Practical Examination
June, 2011

00388

BCS-061 (P) : TCP/IP PROGRAMMING*Time allowed : 2 hours**Maximum Marks : 30*
(Weightage : 15%)

Note : There are two compulsory questions, 10 marks each. 10 marks are for viva-voce.

1. Write the following UNIX commands for the following operations : 5
 - (a) To check the connection working condition between the two hops, it should also provide the TTL.
 - (b) To find the IP address of a machine and its marking.

 2. Write and run a client and a server program using C language in UNIX as per following specifications : 15
 - A UDP client will send a alphabetic character to the server.
 - Server will send back the ASCII value of that character to the server. The client program prints the results.
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