



SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMKUR-03

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NETWORK PROGRAMMING LAB (7CSL01)

Program No.		Date:		
Student Name:		USN:		Batch No:
Evaluation:				
Observation writing and File maintenance (10 Marks)	Clarity in concepts (05 Marks)	Implementation and execution of the program (10 Marks)	Viva (10 Marks)	Total (35 Marks)
Sl.No	Name of the Faculty In-Charge			Signature
1.				
2.				

Question No. 3

Using TCP/IP sockets, write a client – server program, the client sends the file name and the server sends back the requested text file if present.

Pre-requisite

Algorithm/Logic of the program:

1. Server side:
 - a. Server creates a socket
 - b. It then binds the socket to a port.
 - c. It then turn to passive open mode and listens to connection request from different clients.
 - d. It then accepts the first connection request from waiting queue.
 - e. Now connection is established between client and server, and they are ready to transfer data
2. Client Side:
 - a. Socket is created.
 - b. It then turns to active open mode and sends connection request to server.
 - c. After request is accepted by server, data transfer takes place.
 - d. Close socket descriptor and exit.

