

ANP

Q.P. Code: 827000

(3 Hours)

Marks: 80

N.B.:1) Q.1 is compulsory

2) Attempt any **three** from remaining **five** questions

Q.1 a) Explain in brief TCP Connection Establishment and Termination with neat diagram. [10]

b) Explain about thread creation and thread termination with suitable example [10]

Q.2 a) What do you mean by Value-Result Arguments and byte ordering? Explain in brief. [10]

b) Describe TCP Server-Client normal startup and Termination in detail [10]

Q.3 a) What is Socket? Explain about socket, connect, bind, listen and accept functions with neat diagram. [10]

b) Explain Datalink Socket Address Structure [05]

c) How Lack of flow control with UDP is handled in socket programming. [05]

Q. 4 a) Describe reading and writing of routing socket in detail. [10]

b) Explain the syntax of the function used for creation and termination of threads and also specify significance of each of the argument of the function. [10]

Q.5 a) Explain Crashing of Server Host and Crashing -Rebooting of Server Host [10]

b) Explain how a TCP echo server using thread created and also give their advantages [10]

Q.6 Short note on (any two) [20]

a) Value-Result Arguments and byte ordering

b) Domain Name System

c) Communication between IPV6 client and IPV4 server