



(Pages : 2)

A – 2406

Reg. No. :

Name :

**Eighth Semester B.Tech. Degree Examination, April 2016
(2008 Scheme)**

08.805 B : NETWORK PROGRAMMING (F)

Time : 3 Hours

Max. Marks : 100

PART – A

Answer **all** questions :

1. Explain with diagram conceptual organization of TCP/IP.
2. Discuss about ARP configuration parameters.
3. Explain the concept of fragmenting fragments.
4. What is transmission control block ?
5. List the message types that can be sent to the TCP output process.
6. Discuss about RIP process.
7. Write short note on OSPF protocol.
8. What is split horizon ? Explain.
9. What is delta list ?
10. Explain the concept of push bit in urgent data processing. **(10×4=40 Marks)**

P.T.O.



PART – B

Answer **any one** question from **each** Module :

Module – I

11. a) Write the procedure to handle an IP datagram coming in from the network.
b) Explain in detail ARP Cache management.

OR

12. a) Write the procedure to construct a single packet from an IP fragment queue.
b) Explain with diagram routing table organization.

Module – II

13. Explain in detail UDP input processing.

OR

14. a) Explain in detail window based flow control.
b) Write the procedure to send one UDP datagram to a given IP address.

Module – III

15. a) Write the procedure to implement TCP Master device.
b) Write the procedure to process a received RIP request.

OR

16. a) Write the procedure to send hello packets in OSPF.
b) Write the procedure to close a TCP connection.

(3×20=60 Marks)