



Reg. No. :

Name :

**Eighth Semester B.Tech. Degree Examination, May 2013
(2008 Scheme)**

08.803 : COMPUTER COMMUNICATION (T)

Time : 3 Hours

Max. Marks : 100

PART – A



Answer **all** questions.

1. What is framing ?
2. What are the two reasons for using layered protocols ?
3. Compare packet and circuit switching.
4. What is the difference between a passive star and an active repeater in a fibre optic network ?
5. Give a short note on address resolution protocols.
6. Give the functions of network layer.
7. Explain working of SSL.
8. What are virtual private networks ?
9. What is subnetting ?
10. Give a short note on MD5.

(10×4= 40 Marks)

PART – B

Answer **any two** questions from **each** Module.

Module – I

11. Explain sliding window protocols.
12. Briefly describe the OSI reference model.
13. Compare CSMA/CD and CSMA/CA.

(10×2= 20 Marks)

**Module – II**

14. Explain distance vector routing.
15. Briefly explain intra autonomous system routing.
16. Discuss the issues in TCP congestion control and congestion avoidance.

(10×2=20 Marks)

Module – III

17. Explain ethernet passive optical networks.
18. Discuss the network security issues in application layer.
19. a) What are message integrity protocols ?
b) Give a short note on firewalls.

(10×2=20 Marks)