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Reg. No. :

Name :

**Eighth Semester B.Tech. Degree Examination, April 2014
(2008 Scheme)
08.803 : COMPUTER COMMUNICATION (T)**

Time : 3 Hours

Max. Marks : 100

PART – A

Answer **all** questions.

1. Explain TCP and UDP protocol.
2. Give the difference between physical and logical address.
3. Explain Ethernet.
4. Explain about IP address. Give the different class of IP address.
5. Explain stop and wait ARQ scheme.
6. Explain about ICMP protocol.
7. Explain VLAN.
8. Give short note on Transport Layer Security.
9. Give strength and weakness of firewalls.
10. Explain EPON. (4×10=40 Marks)

PART – B

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

Module – I

11. Explain framing. What are the different approaches to framing ?
12. Give different reliable transmission methods.
13. Explain in detail about internet architecture.

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**Module – II**

14. Explain in detail about Multi Protocol Label Switching (MPLS).
15. Give short notes on :
 - i) Intra Autonomous System Routing (OSPF)
 - ii) Inter Autonomous System Routing (BGP).
16. Explain routing. Write a short note on any one of the routing algorithm.

Module – III

17. Explain different access control methods.
18. Give short notes on :
 - i) IP security
 - ii) Virtual Private Networks.
19. Explain different network security issues.

(6×10=60 Marks)
