

AUGUST 2007

2007 MAHATMA GANDI UNIVERSITY
I B.TECH DEGREE EXAMINATIONS
VIII SEMESTER ELECTRICAL AND ELECTRONICS ENGINEERING
COMPUTER NETWORKS (ELECTIVE III)

TIME : 3 HOUR
MARK : 100

ANSWER ALL QUESTIONS

EACH QUESTION CARRIES 4 MARKS. (10 X 4 = 40 MARKS)

1. Explain the goals of networks in detail.
2. Explain briefly network Topologies.
3. What is data forming? -- Explain
4. Explain what is error handling.
5. Write short note on principles of wireless LANs.
6. Explain in detail collision detection.
7. Explain the features of TCP.
8. Write short note on IP protocol.
9. Write Technical note on WAIS.
10. Briefly explain Cryptography.

EACH QUESTION CARRIES 12 MARKS. (5 X 12 = 60 MARKS)

11. List and explain different types of networks.
Or
12. Explain fibre optic networks. List its applications and advantages.
13. Describe in detail the basic concept of data link protocol.
Or
14. Explain in detail the basic concept of elementary protocols.
15. Describe in detail the principle of channel allocation.
Or
16. Give a detailed account of FDDI.
17. Explain in detail the principle of internet work.
Or
18. Describe in detail internet control protocols.
19. Explain in detail server requirements to facilitate E-mail services.
Or
20. Describe in detail the services application layer.