

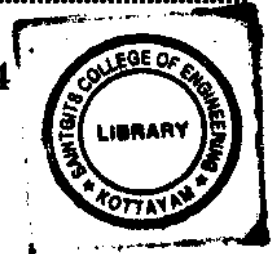
B.TECH. DEGREE EXAMINATION, MAY 2014**Eighth Semester**

Branch : Electrical and Electronics Engineering

EE 010 804 L02 – COMPUTER NETWORKS (Elective III) [EE]

(New Scheme–2010 Admissions)

[Regular]



Time : Three Hours

Maximum : 100 Marks

Part A*Answer all questions.**Each question carries 3 marks.*

1. Which are the different categories of Networks?
2. What is Piggy backing?
3. According to 802.11 standard which are the station services that each conformant wireless LAN must provide?
4. What are the advantages of subnetting?
5. Write short note on DNS.

(5 × 3 = 15 marks)

Part B*Answer all questions.**Each question carries 5 marks.*

6. Explain how to find the maximum Data rate of a Channel.
7. Write note on PPP.
8. Explain Manchester Encoding.
9. Explain the services provided by transport layer.
10. Briefly explain : (a) FTP ; (b) TELNET.

(5 × 5 = 25 marks)

Turn over

Part C

Answer all questions.

Each question carries 12 marks.

11. Define Computer Networks. Describe various types of topologies in computer network and the advantages and disadvantages of each.

Or

12. Explain the operation and equipments used in ADSL. Compare it with cable.
13. Describe the responsibilities of data link layer.

Or

14. Explain one-bit sliding window Protocol with example.
15. Write note on CSMA.

Or

16. What is IP Addressing? Describe different classes of IP addresses.
17. Write notes on : (a) TCP ; (b) UDP.

Or

18. Explain IP addressing method.
19. Write note on Digital signatures.

Or

20. Explain : (a) E-mail ; (b) WWW.

(5 × 12 = 60 marks)

