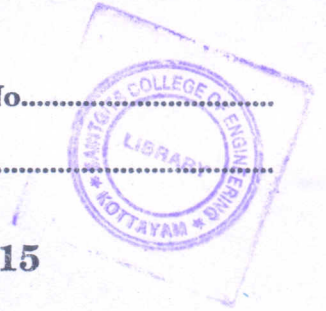**G 1677** (Pages : 2) Reg. No..........................

Name..........................

B.TECH. DEGREE EXAMINATION, MAY 2015

Eighth Semester

Branch : Electrical and Electronics Engineering

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

(New Scheme – 2010 Admission onwards)

[Regular/Supplementary]

Time : Three Hours   Maximum : 100 Marks

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

1. What are the three criteria necessary for an effective and efficient network?

2. What are the responsibilities of data link layer?

3. Why protocols are needed?

4. Write the environment of data link layer.

5. How is HTTP related to WWW?

(5 × 3 = 15 marks)

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

6. Draw OSI reference model.

7. What you mean by Framing?

8. Write short note on Wireless Networks.

9. What are the network performance measurements?

10. Write a short note on network security.

(5 × 5 = 25 marks)

Turn over

Part C

Answer all questions.
Each question carries 12 marks.

11. Briefly explain dial up connection and DSL.

Or

12. Draw and explain Bus, Star, Tree topologies.

13. Discuss about the Error correction methods.

Or

14. Write notes in detail on Go Back N protocol.

15. Describe about Static channel allocation.

Or

16. Write in detail about the IEEE 802.11.

17. Discuss in detail about Congestion control.

Or

18. Explain in detail about the functions of TCP.

19. Explain in detail about DNS.

Or

20. Describe about the concept of World Wide Web.

(5 × 12 = 60 marks)