1. Functions of each layers in detail -chapter 1

2. OSI model and TCP/IP model in detail -chapter 1

3. Switching and its types in detail -chapter 2

4. Media and its classification in detail -chapter 2

5. Numerical of noisy and noiseless channels -chapter 2

6. Multiple Access methods and their sub methods -chapter 3

7. HDLC standard in detail -chapter 3

8. IPV4 and IPv6 in detail -chapter 4

9. Routing and routing algorithms -chapter 4

10. TCP and UDP in detail -chapter 5

11. Congestion and Congestion control in detail -chapter 5

12. Reliable data transfer and its techniques -chapter 5

13. All the application layer protocols in detail -chapter 6

14. NETWORK SECURITY CHAPTER ALL -chapter 7