S.E. Semester IV

Subject: **CNND**

1. Numerical on Dictionary Coding (LZW)

2. Numerical on Huffman Coding

3. Explain HTTP with its types.

4. Explain e-mail architecture and protocols used in e-mail (with diagram).

5. Explain ALOHA and Slotted ALOHA (with diagram)

6. Explain CSMA/CD (with diagram)

7. Explain TCP connection termination and connection establishment (with diagram).

8. Explain Various timers in TCP.

9. Explain Network Layer Services.

10. Explain IPv4 Header Format.

11. Explain Classless and classful addressing in detail.

12. Explain Distance Vector Routing and Link- State Routing.

13. Explain DHCP with diagram.

14. Numerical on Subnetting

15. Explain RIP/OSPF/BGP

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