

Unit 2

Part b

1. classify ipv4
2. why ipv6 is required?
3. Define address space
4. write short note on class full and class less address
5. define subnetting
6. define supernetting
7. write short note on NAT
8. List out different devices used in network
9. write short notes hub
10. Write short notes repeaters
11. Write short note switch
12. discuss about working functionalities of router with structure

Part b

Discuss in detail about devices in networking

Explain in briefly about super netting and subnetting

The class address b , find out the subnet mask and cidr for 172.31.10.1/20

Unit 3

Define line coding

Differentiate between unipolar and bipolar and polar schemes

Explain about ask and fsk

Write short notes on twistedpair and coaxial cable

Write short notes micro waves ,infrared

Partc

Briefly explain about line coding in detail

Discuss in detail about anlog to digital conversion

Disucss in detail about amplitude phase shit keying

Disucss in detail about frequency phase shit keying

Explain in detail about phase shift keying