TIME-3HOUR
MARKS-60

NOTE: SECTION A IS COMPULSORY. ATTEMPT ANY FOUR QUESTIONS FROM SECTION B AND TWO FROM SECTION C

SECTION A MARKS 2 EACH

a) What is repeater used for?

b) What is a lan?

c) What is TCP/IP use for?

d)What is the uses of internet?

e) What is ATM technology?

f) On which layer do switches and routers work?

g) What is the need of modems?

h) What is the diff between a switch and a bridge?

I) What do you understand by digital signals?

SECTION B MARKS 5 EACH

Q2) What are the different types LAN topologies available?

Q3) Compare and contrast various networking technologies?

Q4) What are the various transmission media available? Advantage and disadvantage also.

Q5) Explain the difference between distributed and networked operating system if any.

Q6) Explain the printing services available in Windows NT?.

SECTION C MARKS 10 EACH

Q7) Explain the feature of Windows NT, various hardware requirements for the same?

Q8) What are the various applications of internet? Explain the technology behind emails?

Q9) What is the difference between synchronies communication and asynchronies communication?