Autumn Break Homework

XII-Computer Science

Q1. What is protocol in data communication? Explain with an example

Q2. List out the advantages and disadvantages of optical fiber cable.

Q3. Among LAN, MAN, and WAN, which has the highest speed and which one can cover the largest area?

Q4. Which transmission media carries signals in the form of light?

Q5. How is IP address different from MAC address? Discuss briefly.

Q6.Draw a network layout of star topology and bus topology connecting five computers.

Q7. Write down the names of few commonly used networking devices.