ASSIGNMENT NO.1

Course Title: Computer Networks-Theory_____

Course Code: __COSC-2109_____

Instructor Name: Zia Ur Rehman Zia_____

Department: Computing and Emerging Technologies

Instructions:

1. Answer all questions in your own words.

2. Submit the assignment on 06.03.2025.

3. Plagiarism will result in a zero score.

4. Figure to right indicate full marks.

Question 1

A small business wants to set up a network to connect its employees.

- What type of network (LAN, WAN, MAN, or PAN) would you recommend? Justify your answer.

- What network topology would be most suitable for this business? Explain your reasoning.

Question 2

A university has multiple campuses across different cities.

- How would you design a network to connect these campuses? What type of network would you use, and why?