Branch/Semester	Bsc (IT Cloud & Application Development) / II
Subject Name:	Routing & Switching Technology
Subject Code:	05CA0201
Assignment:	Assignment No. 1 (Computers Networks)
Due Date:	30/01/2025
Faculty Name:	Prof. Rishabh Singh

1.	**Differentiate Between Different Types of Network Topologies** Your answer should cover the following points: • Explanation of various types of network topologies (Bus, Star, Ring, Mesh, and Hybrid). • At least three key differences between each type of topology. • Real-world examples demonstrating where each type of topology is commonly used.
2.	Explain the Concept of IP Address and MAC Address.
3.	List and explain the functions of at least five network devices.
4.	Explain different types of network cables.