



**Marwadi**  
**University**  
Marwadi Chandarana Group



<b>Branch/Semester</b>	Bsc (IT Cloud & Application Development) / II
<b>Subject Name:</b>	Routing & Switching Technology
<b>Subject Code:</b>	05CA0201
<b>Assignment:</b>	Assignment No. 2 (Computers Networks)
<b>Due Date:</b>	8/02/2025
<b>Faculty Name:</b>	Prof. Rishabh Singh

1.	Compare circuit switching, packet switching, and message switching.
2.	Differentiate between classful and classless addressing.
3.	What is CIDR (Classless Inter-Domain Routing), and how does it work?
4.	What is VLSM (Variable Length Subnet Mask), and how is it beneficial?

