

SE SEM IV

Tutorial No 5

Sr. No.	Example	CO	BT
1	Verify that $a*b=a+b+3$ is binary operation on Positive integers	CO5	BT 3
2	Show that nth roots of unity forms a group with respect to multiplication on complex numbers.	CO5	BT 3
3	Show that Z_5^* is a cyclic group with respect to multiplication modulo 5.	CO5	BT5
4	Give an example of Isomorphic groups of order 4	CO5	BT3
5	Show that set of all matrices of order 2 is not a group with respect multiplication.	CO5	BT3