

## D. Y. Patil deemed to be University Ramrao Adik Institute of Technology, Nerul

(Department of Computer Engineering)

## SE SEM IV

## Tutorial No 5

Sr.	Example	CO	BT
No.			
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	ВТ3