	Ankit Raj	190053	4	Date Page	
Answer		Tmotorx	of	4x4 ord	27
	XN = WN	· × 100			
	Who 1	V= 4	20	3	
	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		Wy	$\omega^{3}y$ $\omega^{3}y$ $\omega^{6}y$ $\omega^{6}y$ $\omega^{6}y$ $\omega^{6}y$	1(1) (1) (1) (13)
	$W_{N}$	e-j 25/4			
	i. c.	w" > 1 =	) Wi	(2)	
	Su, Wy = p	j 2×/4.1			
		$\frac{25}{4}$ ) - j Si			
	j		)		
	$w_{3}^{2} = -1$ $w_{3}^{3} = +j$	Wy - 1 Wy - 1		Wyj	
	(CO)				