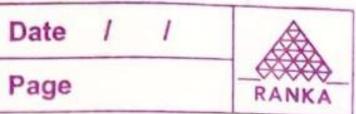
Lecture-13 Review for Exam 1



(1)	u, v, w non-zero vector in R. what was possible
	dimension spom by w, v, w, ? (a) 1 (b) 2 (c) 3
	@ 1
6	
(2)	5x3 -> u (echelon form); 3 pivot
1001 - 1	MullSpace (u)
	801 rank = 3.
	- 3 column independent
	No combination of column will be zero vector
	except zero vector
	$N(u) = \frac{1}{3} \frac{1}{3} \frac{1}{3} \frac{1}{3}$
(*)	[[]]
	1 10x3); what 18 the
	echolon form { - sank }
	Fu7 roef Fu7 rank = (3)
	$B = \left 2u \right $
	En C - [4]; echelon form?
	U O J (TOX6)
	[4 4] now2- now1 [4 4] now1-row2
	<u>u</u> 0
	Tu 0 +1 10 w2 4
	0 u \ - u \
	$Rank(C)$ $\rightarrow (6)$
	given u has ramk 3%

