bs(cs)2

01:	Sol.	Given	that				
		[1	IP		3		
		0	1		I DLagt		0 3
		10	0		1	0	1
		10	0		0	1	Z
	-	ID, - 3	JI	Dlagt:			- John
	1	3	3		6	5	
	10	1	-5		0	7	
	0	0	1		0 -	-6	
	0	0	0		1	3 /	
	By	Using 3	elenent	larg	200	open	atom,
	1	3	3	0	2	1 0	00
0 00	0	1	-5	0	7	01	00
R1-3R2	0	0	1	0	-6	00	10
-	0	0	D	1	3	00	01
	11	0	18	0		1 -3	3 0
R. 18R,	0	1	-5	0	7	0	1 0
R2+5R3	0	0	1	0	6	0 0	1
	0	0	0	1	3		
	1	0	0	0		11.	
	0	1	0	0		0	
	0	0	1	0	-6	0	0 1
	0	0	0	1	3	101	0 0
		92					
		-23					
		-6)					
		31					-

Q2:-(a) Sol: 1 3 -1 57
using elementary on opentions
[1 3 -1 5]
Ry-2R2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Similary for [1 3 -1 5]
R3+2R2 0 0 +3 -5
[1 3 -1 5]
0 2 -5 -1
so R3-2R2 is a invesse our operation
of R3+2R2-
(b) Sol: (a). [e o o o
0 0 0 0
Yes it is a mechelon from of
matrix because each pivot value below and above hero entry exists-
7 12 (10)
0 1 6
Sol: No, it is not an echelon
from pt matrix because in
36d oon there is not pivot value -
exist-

7	(c) 5007
-	0 0 5
-	(00) (4)
-	No, its not an reduce echelon
-	ma onk because each prot
-	Value must be essent to 1.
-	(d) 1 0 0 7
-	0000
	[00]4]
4	No because in 2nd son there
4	is no birot value exists-
-	Q3 (a) So! Row echelon, from is orbit
4	when one of the vectors is
	perfectly aligned with a declared
	axis- Keduce and echelon tom is
	achieved when all the ketos it
	perfectly aligned with a declared axis.
	(b) Sol: [1 1 8 1 0 0]
	2 9 1/2 /
	12 1
1	R3+R1 1 -4 1 0 0 0 0
	Ry-Right 1 8 1 41 5 3
-	0 6 -17 6-2 1
-	R1-K3 0 1 8 1 0
-	5R4+R3 0 -5 -7 1 0 0
	[D 00 0 -1]
	6 R3- K2 0 6 -17 -2 1 0
	0 0 43 -4 0 1
	21 [1 0 0 1 0 0 -17
1	K9 0 6 -17 -2 1 0
1	48 65 8 -1 6
-	7 60 0 43 4 0 1

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