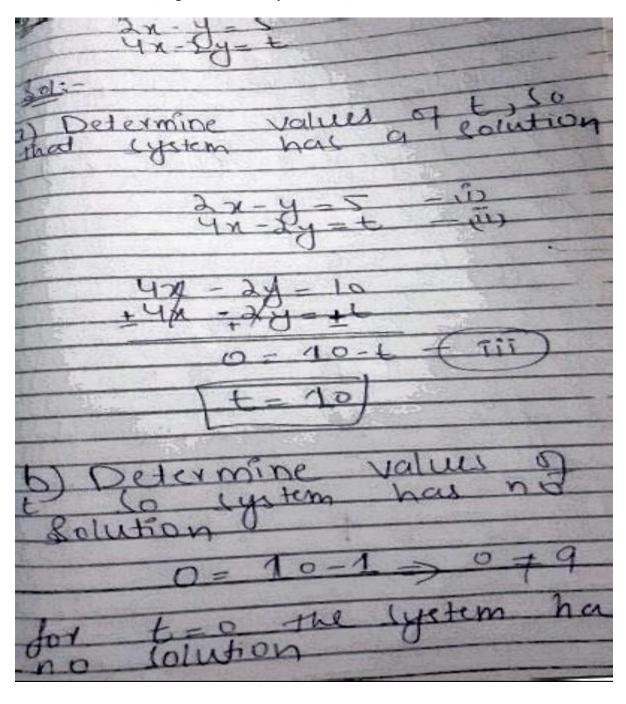
Name: Muhammad Ali, Registration No: 19pwcse1801, Section: A

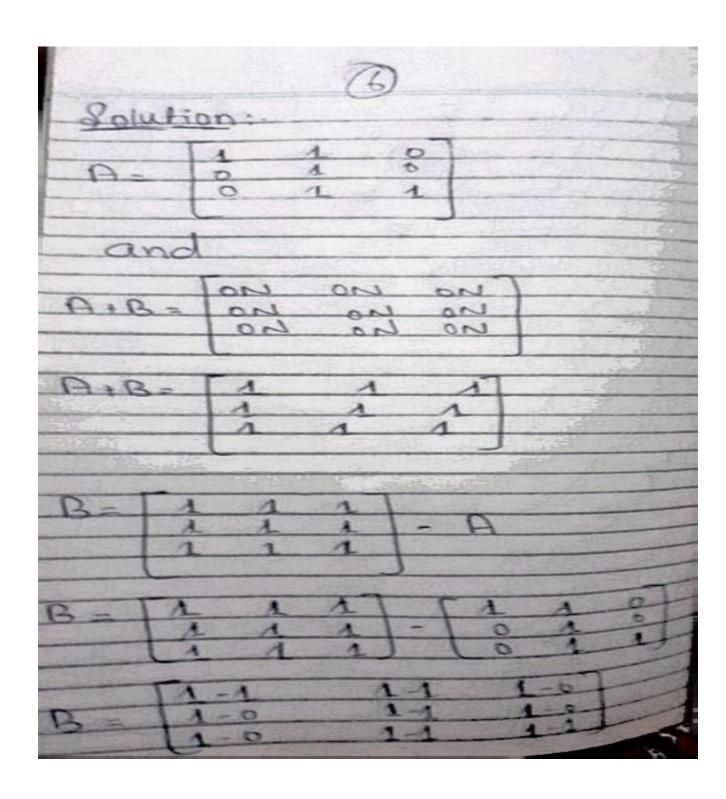


Town you different value 10 The Cystem has no (-00,10) U(10,00) Question NO 2 Solution :-X = Low Cuffer Blending Plant Sx, 4x, -3h Referring plant 4x1+2x1=25 By converting hour into 180 5x + 4x = 3x60 125 2x50

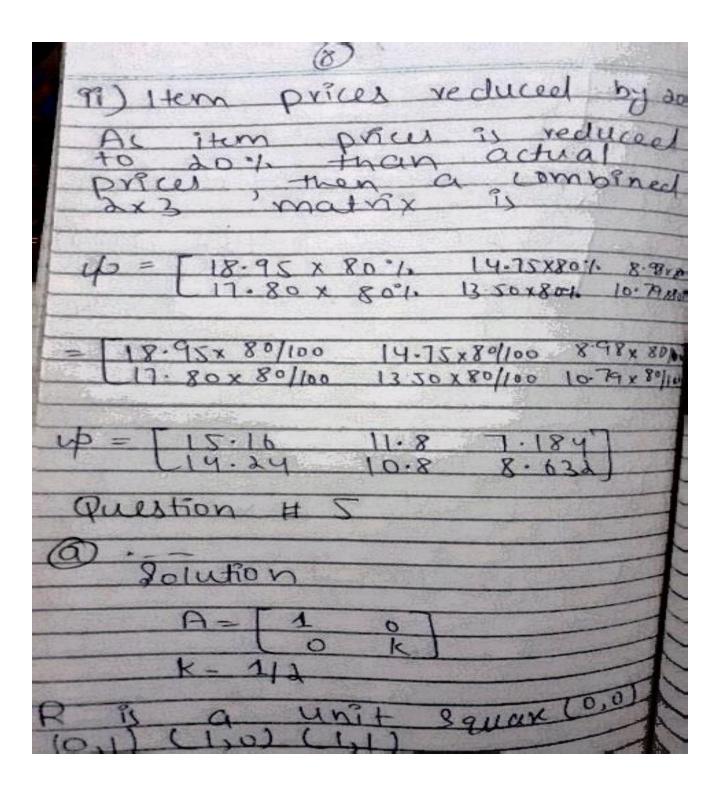
-2x1+ Ax7=18,00 - 19 - 4x1 - 1x2 - 120 - (15) pulaplying quadron & by a ACUMI + dM2) = 2 +190 8x++ (1x) = 240 subvactory quarton (1) from B 8x1 + 4x2 = 240 +5x++ 4x2 = +180 34, = 60 x1 = 60/2 X1 = 20 by putting x1 = 20 incq 0 (20) + 4x2 = 180 100 + UN) = 180 UN) = 180-100 XI - too 80

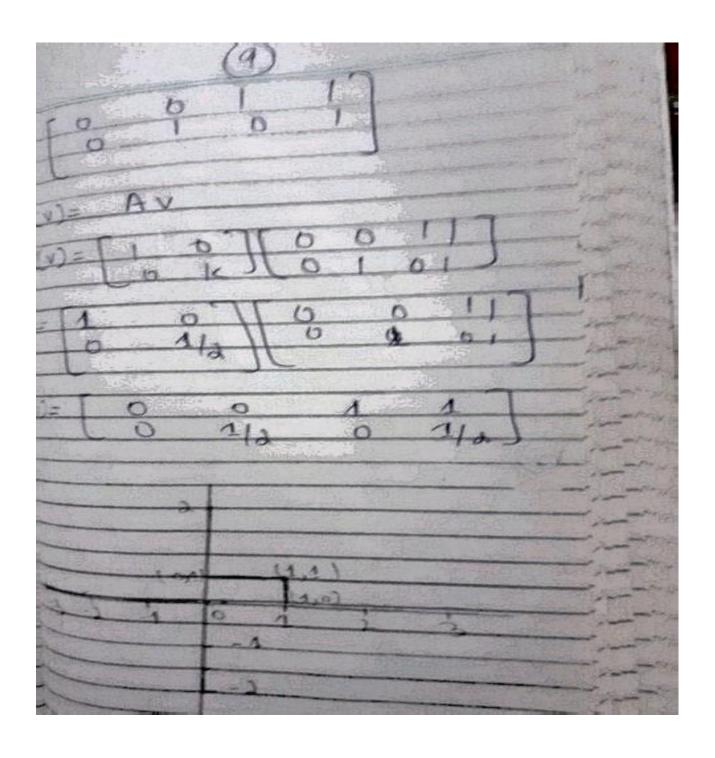
Each type Glive fuel should amount of 20 tons x1 = x3 = 20 tons Solution is unique Question 3: -s nortulos Plant A: 2x+2y-8 Plan+ B: 51+34-15 subtract both quation 10x + 10y = 40 + 16 x + 64 = +30 7 = 10/4

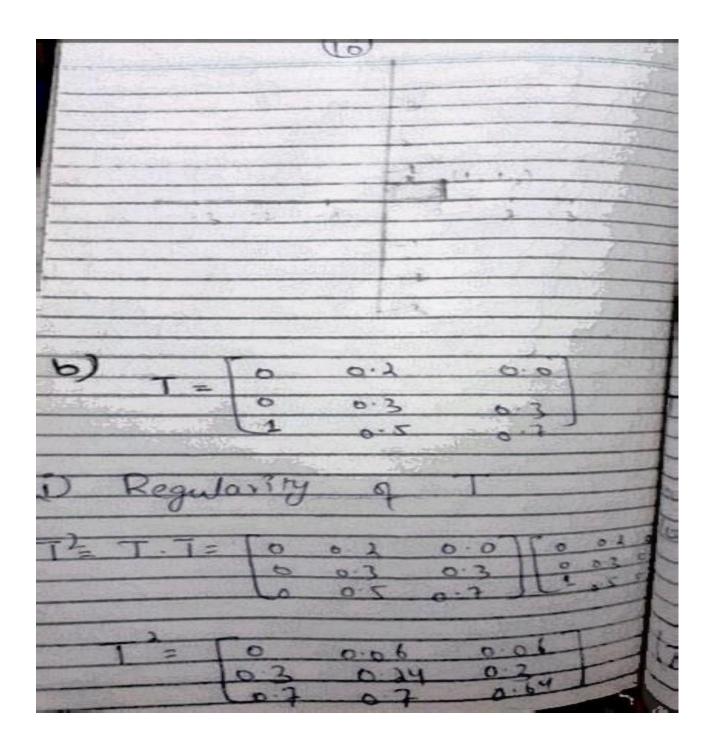
1= 25 m equation 11) Z = Z X= 3/2 = 1.5 tons y= 2.5 tons lit o represent of and represent on

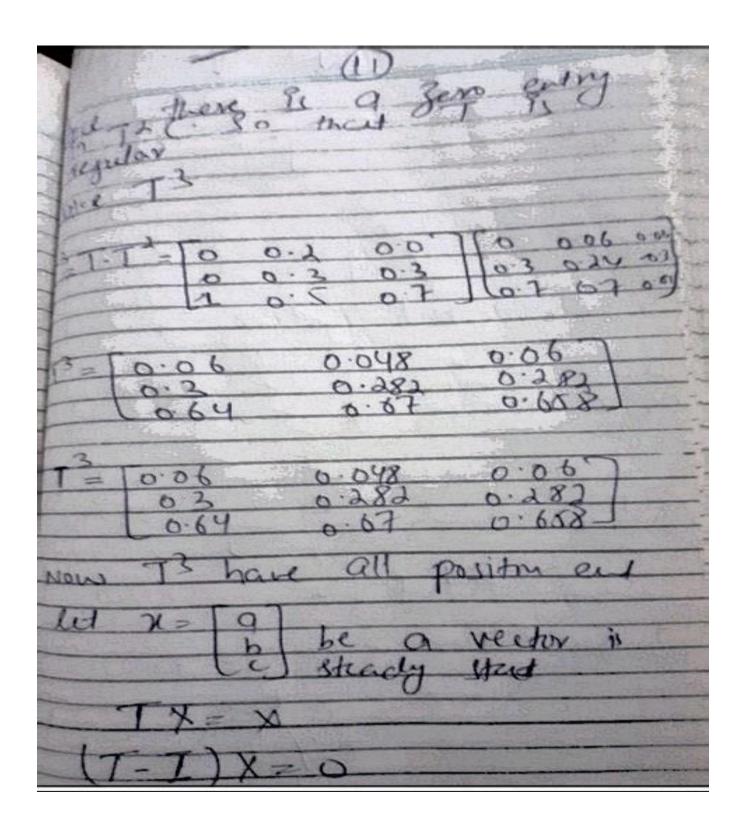


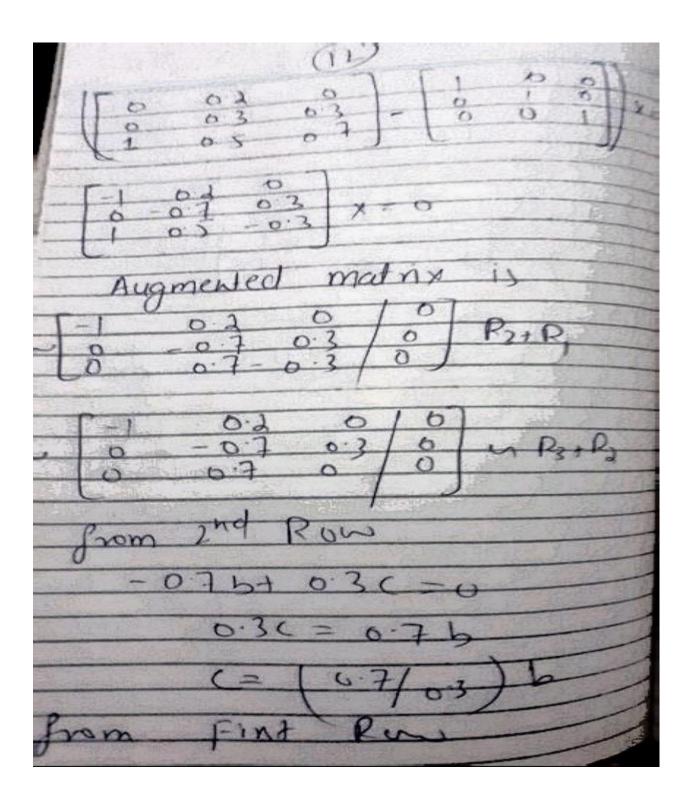
form, the madrix DFF extion No 4 Juston 14.75 17.80 +3 Matrix lam bined 8.98 that control information about 2toxes





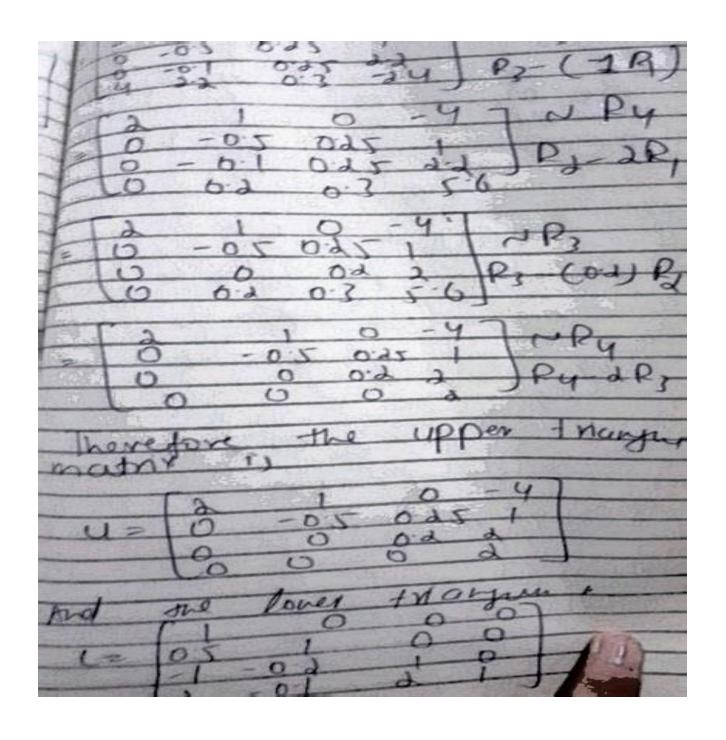


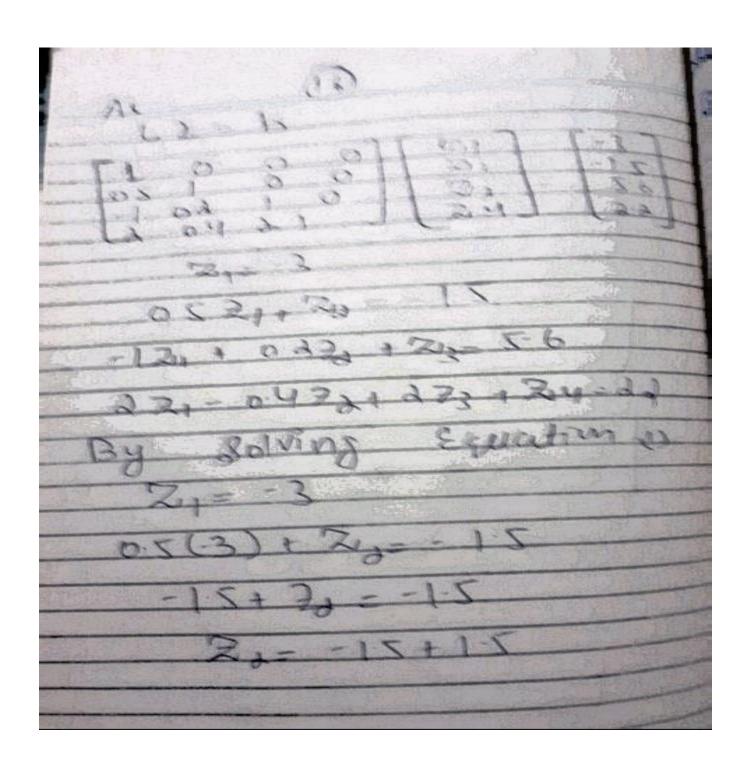


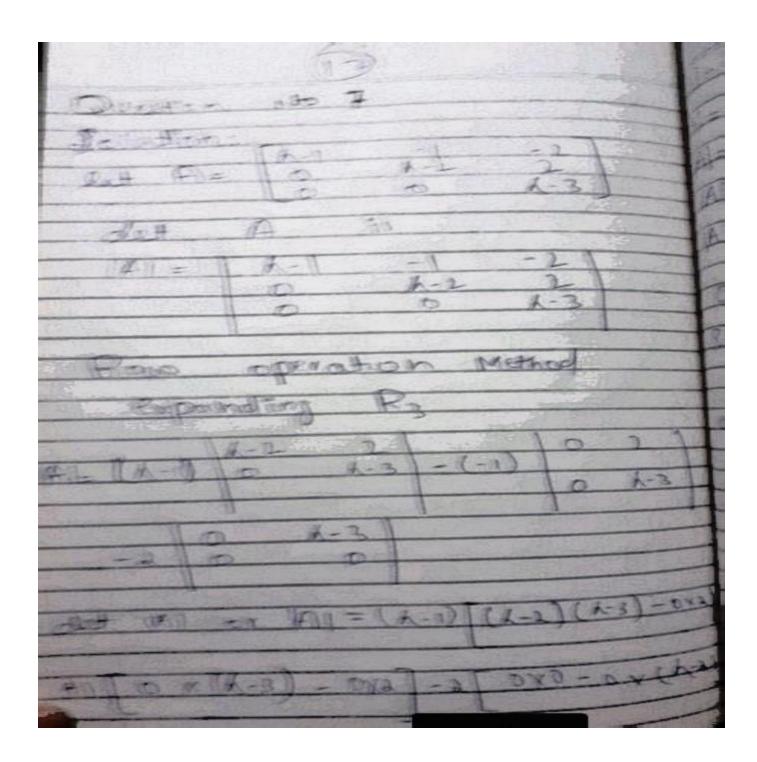


0.70 +0(-0 propability= um 6a+ 50 + 7/2 b=1 6 a+ 7/3 b=1 6a+7 18+359

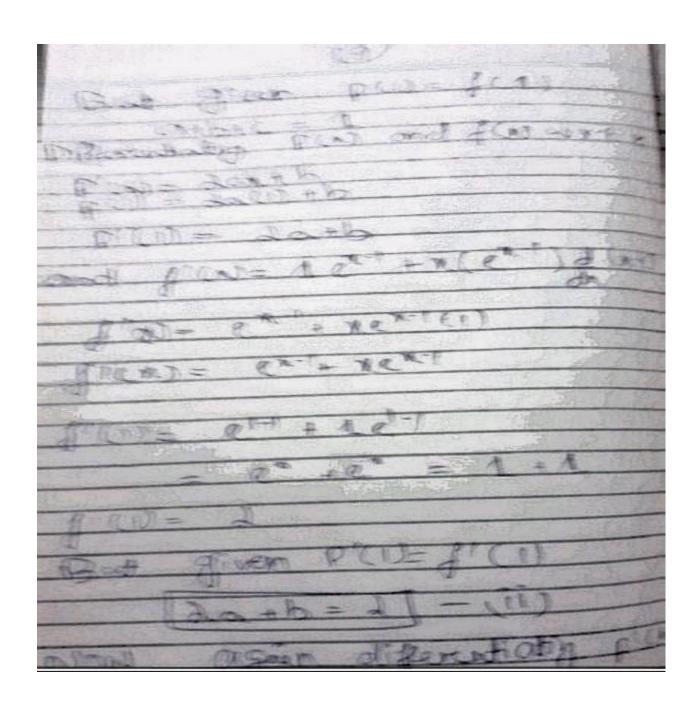
PURAtion #6 lolution: nnexation ain upper trianged



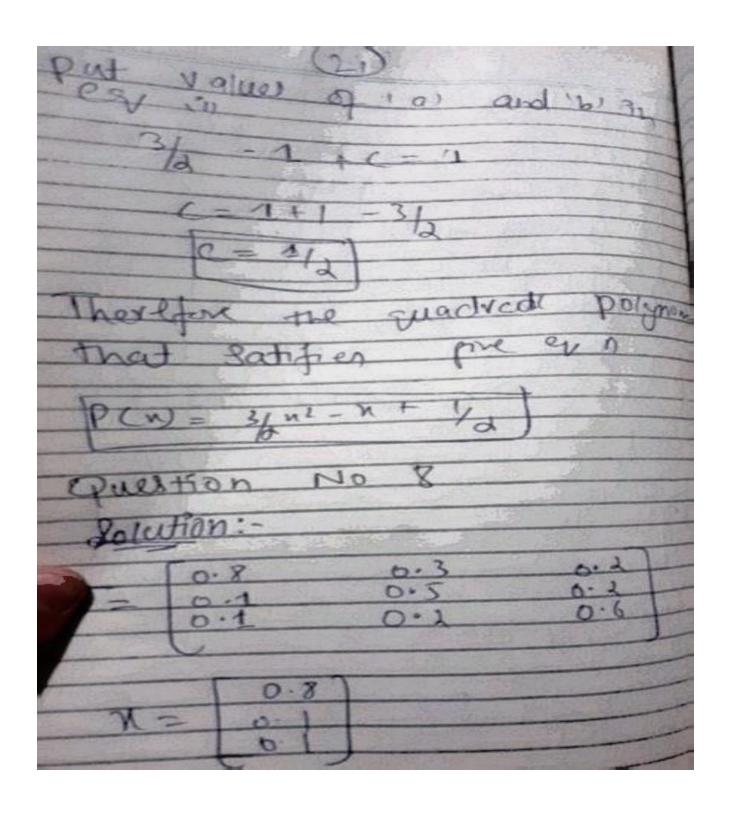




(18) 1=(1-2)(1-3): 1(0)-2(0) [[ (A-1) [ 62-31-2146) +0 0 W= (A-1) [ A2-5A+6) A= 13-5 12-161 - 12-151 = Al- 13-612+111-6 Question Part b Colution: p(x) = ax1+bx+ and d(n) = xex put x=1 0 = a(1) + b(1) +1 put x-1 in fin



(20) f 20 3 20=3 1 a' in ey (Ti) put value 8, 1b= b=



TX=X 0.8 0.8x0x + 03x01 + 0.2 x01 0.03 0-64 80.0 0.69. 21-0.15 the

(200 030 +086=0 030= 0.8% 0= 08/03 6 a = 8/3 h 53 9 Pow 0-7 B-0-8C = 0 076=066 b= 6/7 c Plobality rector of Cethac=1 8/36+ 6+ 7/06= 4 6 6 - 1 b = 6/29=10-207

