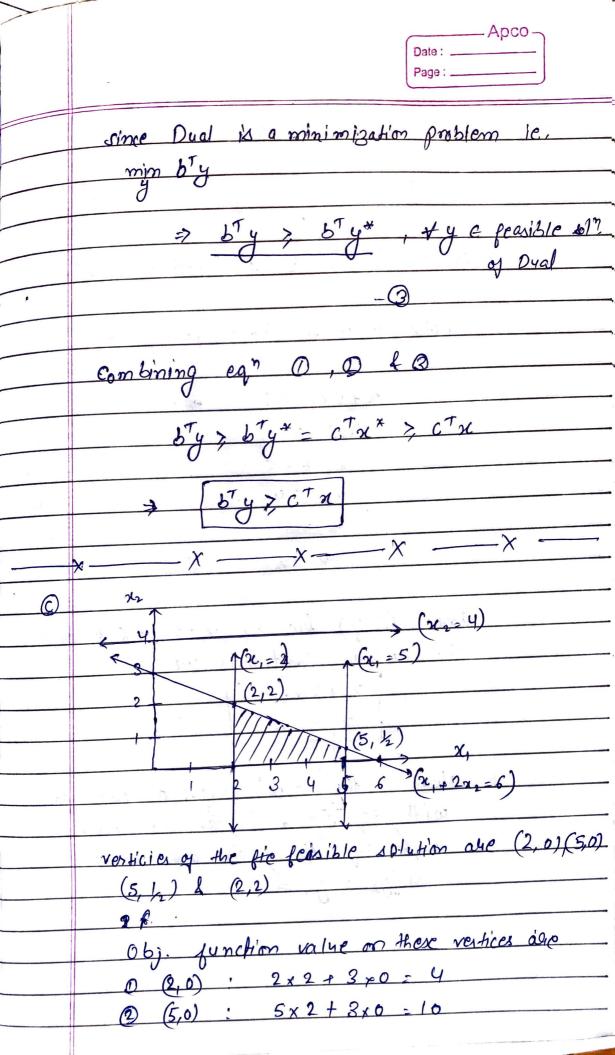
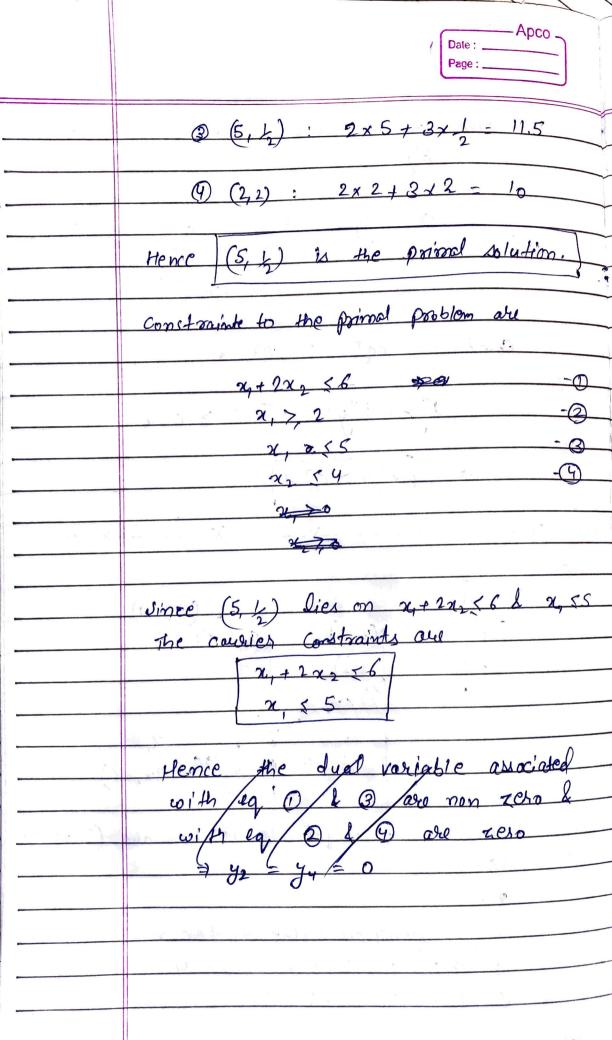
	Anco-
*	Date:
	AT-2
010	Primal:
	max (cTx)
	N
	of Ax < b
	n > 0
d.	
	Desal + min by
	189 C 1. ()
	St. $A^T y > C$
	y > o
	2 max -6Ty
4.5	y make daded dates
	St ATy S + C
	4 70
	white west
	Dual of Dual :
	Following chames need to be taken case
,	Poim.
<b>@</b>	Primal to dual Aug Dual - Dual of Dual
0	max -> min @ max -> min
2	$C^{\dagger} \rightarrow b^{\dagger}$ (2) $(-b^{\dagger}) \rightarrow (-c)^{\dagger}$
<u> </u>	
9	b - c 9 - c - b
5	DS → 7 (5) ≤ → 20
<b>6</b>	gx > y 6 y -> z
	0

	Date :Page :
	Dual of Dual =
	min -CTZ
	7
	St - Az > - b
	7 > 0
	$\Rightarrow \max_{z} c^{T}z$
	St. Az & b
	7 > 0
	Since I la ale variable, it can be
	established that the Primal & the dual
	of dual are same.
	x
	strong duality
24.7 - 0	$C^7 x^* = b^7 y^* - 0$
-	1 0 + 0 + ala adiana della
-	primal & dual suspectively Cassumption as mentioned in ques.
-	mentioned in grees.)
	since primal is a maximization
	problem il mat ctx
	> cTx < cTx* +x & parible solution
	of Potmal





	Date:
	The dad of the given problem is:
	Primal
	$ \begin{array}{c c}                                    $
	St. 2, +2x2 < 6
	$\frac{\chi}{\gamma}$ $\frac{\gamma}{2}$ $\Rightarrow$ $\frac{-\chi}{\gamma}$ $\leq$ $-2$
0.00	2054 208
<del>.                                    </del>	22 4 3 8 3 3
- 13	
3 (3.1.4)	-10 2 -2
	, 0
	1 4 1
1	
	OT [1 -1 1 0 ]
	2004
	Dyal:
	min by min 6
	J -2 , y2
	5 3
	$S, + \lceil 1 - 1 \rceil                              $
	2004 [3]
	93
	L 34J

