

INTEGER PROGRAM PROGRAM -- ORIGINAL DATA

Title: Practical 9 Q1(ii)

INTEGER PROGRAM -- ORIGINAL DATA

	X1	X2		
	x1	x2		
Maximize	12.00	14.00		
Subject to				
(1)	3.00	7.00	<=	100.00
(2)	5.00	8.00	<=	400.00
 Lower Bound	0.00	0.00		
Upper Bound	infinity	infinity		
Unrestr'd (y/n)?	n	n		
Integer (y/n)?	y	y		

INTEGER PROGRAMMING B&B OUTPUT SUMMARY

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OPTIMAL SOLUTION:

Objective Value = 396 (MAX)

Optimum solution found at iteration 3

Result verified at iteration 5

x1: X1 = 33

x2: X2 = 0