Your overall performance is good. Revise all your previous topics at least once in a week rather allocate a day in a week for revision and evaluating your performance. This will help you memorize topics and bind out shortcomings in your preparation. * Didn+ understand thes que, so referred solution Q. I guidance Soln: (i) Variable cost per wit that will be affected & experience learning curve = 4400 x so% = 2200 let & be the learning curue rate No of batch Currelative aug. cost/writ 2200 2 22008 4 a2006 marks 4120 - 2200 2200 22 = 220072 = 1920 well attempted!!! ??? 93.4% OY price optenum Calculation VC ** TOTALVE confr Tetal parce per cor p. u Demard perwit per unit per writ p-u writ 4400 6700 67,00,000 1000 2200 2200 (), (00 2200 4246 6454 1,29,08,000 2096 2000 10,700 2200 4160.86 5439.14 1,63,17,420 1960.86 3000 9600 4102.78 4597.22 1,8388,850 2200 1902/18 4000 8700 VC affected by learning curve represents This not affected by avoue learnery This represents VC 6. N. Vc per wit Cumulature aug. 2-0.1047 Ang were of cout per unit output in batches host wit 2200 1.0000 2200 2046 - 9299 2200 2 1960.86 . 8913 2200 3 1902.78 - 8669 2200

SCMPF

Total Marks:35

result in gots of 22900. The statement showing

loss of 188100 in milleading as it considers, fixed

	DATE:	
	STAU PAGE	No: 3
	& irrelevant cost.	
	2 7/100 100 100 100	
	(may fosts ap 02 must continue	
83		2
_	(1)	
801n.	(i) that contribution margin for each product	
	Super Grade 8 marks	Normal grade
	Unit Selling price 3600 3400	3000
	Discut material p.u. 2100 1900	1720
	Jariable conversion cost p.u (12 ×100) (12 ×100)	(1000)
	Conf. p.u. 300 300	280
	31,91 2 3	
	(i) As the furnace is a bothereck, contribution	per unit
		-48
	Super Goode Good grode	Normal grade
	Contribution p. u. 300 300	28-0
yo	ou did this question accurately.	4
1 (2	Contribution per france hr. 80 60	70
-135	Renking II I	Z
0 3 8 23	1 30537 30537 200 AT 1 1 XLESTER	The same of the
- 10 11	Analysis: Super grade & Good good have	higher _
	contributes of € 300 per unit whereas Non	mal grade
	has lower contribution of \$200 per unit.	
	has lower constant is misleading as the	Guonace
	CANADA FIND	ser bettleriek
	autouty is a bettlereck. When considered, autouty is computed, normal grade shows	the highest
	Longia Roll	
	contribution of 700 per furau hour.	Parisir A Little
	Constitutes (An exp to all the parties and the	
	SOOT TO SEE STATE	Maria Cara
	2.18012	

		PAG PAG	ENo: 4	
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		1		-
*****	(Fi) Remised price of super grade:	10 131 30		
	(Fi) Remised price of super (2100 + 1200)	1 1 1 1 1 1		
	6			192
	Revised SP = 420 + 2100 + 1200		88	
	= \ + 3720	tous (D	20105	
AN IN THESE	Mary 1859 Committee Commit			
000 8	A A Coroll	A tow		
1720	Revised price of Normal grade (200)	Officer .		
2013	S	Santalul.		1115
-01/R	Remined SP = 380 + 1900 + 2000	Carl		111111111111111111111111111111111111111
	£ 3950			
The is	a land distant a series of the second of	u is 60		(
84	Lote like and blasses aged ase			
Soch Soch	(i) to long of orbit of completed	xoto.		
0.86	Particulars. Cores Melling & making marks (about & OH (2000 26000	Mouldery	Cleaning (
9-1	Labour & OH (2000 26000	9000	6500	
01-	Labour & OH rate permir 9 6.5	6	5.2	
1		(500	1250	
	Cabaur 10,000 16000	6000	4500	
- Nell		1000	1000	
Mante In	Cabaux rate thr 5 9	4	3.6	
	Variable OHI was 1.5 0.25	0.67	0.8	
Assissa				
	(December 18 and			
NAME OF THE PARTY OF	yourdidethis question correctly. the order		+	
	Particulars	(5000	Order Control of the last	
	Materials	25645.3		43.5
	Labour & variable OH (W.N.)	1000		
	Additional fined OH	41648.5		
	Total cout per month	6		
	No. of months	249873		
	Total price for the order	===		

ł	W.N. computation of Cabaux & variable of for order
1	Particulard Gore Melling (a Change &
	Cabour rate the
Ì	3 7 7 7
	Variable OH / hr 1.2 0.25 0.67 0.3
ì	Total rate 1 hr 6.2 4.25 4.67 3.9
	Hows exercised 1250
-	(330) 2230 400 900
1	(6) (6)
	Total cost 8370 9562.5 4203 3510
-	: 8370 + 9562.5 + 4203 + 3510
1	= 25645.5

OATE:____

Calculation of area to be cultivated in respect of each crop to achieve the largest total profit

1000					
eln.	G)	Potatoes	Peas	Carroti	Tomotoes
- 30	give proper heading	350	(00)	76	180
THEE	Market price	30.76	3174	36.8	94.55
1706	less. voriable costs:	82			
	Direct molecial	952-72 (+342/350)	432 HE 4.32	5.49 (384/70)	3.47 (674/180)
	Cabour geowing	(1792/350)	(1316/100)	(744/70)	(1986) 180)
	Harwesters &	7.2	6.56	8-8	10.4
	Transport Per box	16.4	10.4	8	19.2
1.0	couts per pox	5-32	(1.7)	3.88	5.61
	cont per hectane	(862	(1707)	271.6	1009.8
	Rentains	(1)	(4)	(3)	(3)
	Zalas II in the land of the land	W 1 10		19	

Land yor peas & cerroty = 140

Total land: 480

Min reeq yor each variety = 5000 boxes

Max reeq you each variety = 113750 boxes.

PAGE No: 6

DATE:_____

Best cultivation plan from 140 hectares of pear & carrets Peal: Minimum 500 hones = 8 marks (00 = 50 hectary Carroto Bolance land 140 hutares -50 hertone = 90 From 340 hutares all four vegetables Since ranking of pear I carrot is lowest of has already hen alwested 140 hectores, no jurther land shall be allotel you have good concept clarity of this question.

Potatoes Balance of land 1.c. 340 - 28 = 312 hertery

Area to be cultivated for each variety Potatoes Peas Carrots Tomatoes 90 312 (10) 28 Hectares Contributtes 1 heural 1862 271-6 (009-8 Contribution \ 580944 (8500) 24444 28224.4 = 70 tol cort bution = 625162.4 less. Fired exp (424000) Profit 201162.40

(i) Analysis to show whether land development should be undertaken carest yield a lower contribution per hectare their poteboy I tomatoes but it is grown in energy of the enewscenert of 5000 boxes or 72 hertares re 5000 bones 1700. Therefore 18 hectares i'e. 90 - 72 can he made available fore potatoes and tomother by land improvement

+		
	contributes after land improvement	
	Dynamit	8 - 9 00
-	2	460 (2.6 × 180)
		477-8
		- 10/2
	:- Allocation of 18 hutares available	
		Yield Adding
	0.15	50 13
	Tomatous 113750 5000 900 18	80 S
		10000
	:- Profit by received cultivation plan	
	Potatoes Peas Carrot Tomotoes	8 Total
	Hertores 325 So' 12 33	८४७
	Cont / hectore (862 (170) 2716 1477.8	
	Total contin 605150 (8500) 19555.2 48767.4	664972.6
	Less: Fined cost	(440200)
	Profit	२२२५७७२.6
	capital	108000
	Tritizent ©	16200
-	Existing fred	424000
		440200
	: Since the profit after land development in	greater,
	the company should emplement the proposal	
	develop 18 hertoons of land.	
-		