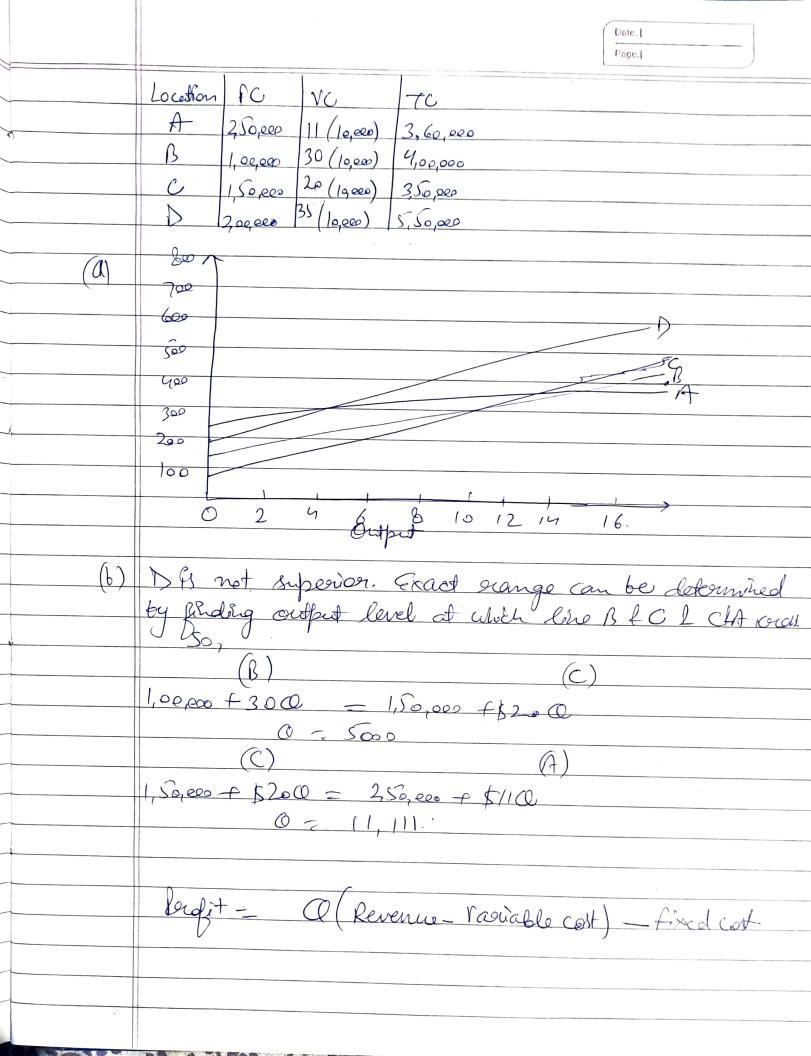
Date   Fage
 Onº7-3
Location planning to maximize benefit of location
Heed for location decisions
 · massetting stocategy - Cost of closing business
Heed for location decisions  . marcheting streategy - Cost of closing business  . growth . olepletion of resources.
 Sterategic importance of location decisions
location decisions and closely related to
an coganizations strategies
Eg-low cost peroducer will locate near the
Marvet of saw material.
stocategy of encreasing perfets by encreasing markat share may aresult in high-trafficareas stocategy for convenience to customore may
· Strategy for convenience to customere may
refult in many locations where customery can
 pisichak.
Nature of location decisions
e Stoutegie Emportance of location decisions
long-teem commitment/costs, infact on
investment, survenues & operation, supply chaine
Objectives of location clecisions-peoplit potential,
no single location may be better than otheris,
identify several location from which to choose,
be in the section of the second when where a bushall
Is in the supply chain
facilities, more, do notting facilities, add now
De la
V

	Date.
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	Malzong location decisions
	e has de accisions
	· Decide on the contection
	· Identify infoodant factors
	· Develop Cocation alternatives
	· Evaluate alternatives
	- identiles managed a self
	- identify general oregion
	andy small number of community afternative
	- dentify site alternatives
	- dentify small number of community alternative - identify site alternatives · Evaluate I make selection
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Operations management & Research -1 Location decision factoris:

Regional factoris - location of some materials, location of market, labor factoris, climate - Community consideration - quality of life, services, attitudes, utilities, developer support, enveronmental siegulatione · Site related factors - land, legal, toursport de Evaluating locations " Cost-belofit Volume analysée \*determine fixed & variable cost plot total cost defermére lowest total col Assumptions (feare fred, ve are break, enolved) estimated, only one parduct Oues VC (a) flot TC on geraph 200,000 11 (b) Edentify stange of ortfat 1,00,000 n for which each alternation 1,86,000 Is superior ( has lowest cot (c) 200,000 35 (c) of experted output at selection location is seen with which location would have lower TCY



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<u>Oues</u>	· factor	weight	Alt I	AU 2	WAI	WAZ	
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	RC	.40	70	90	28	36	
	ی	.10	86	92	3.6	9-2	
	L	.20	40	70	8-0	14	
	O C	.15	80	90	12	13-5	
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X		6.7	14	1			
,	Lues Destination X y						
Oug Destination X Y				x - 4.5			
2 3		3	$\frac{2}{5} = \frac{5}{5} = 4.5$				
3 5		*	5 4 9-24-4				
	9		5	2	>		
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Ous.	Dest X	4	0	XO	40		
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	2 3	5	900	2700	450		
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			2000	6100	7400		
$\bar{X} = \frac{200}{200} = \frac{3.05}{200}$					·		
.	50 2000						
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Date.