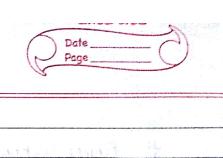
#	Formulation of LPP
	a contract points to be a first to the second of the secon
#	
	· Foundation of problem
1.13	It is not statement that includes the following
	· Recise description of goal and objectives · Foentification of controllable & unconfadable
	· Gentification of controllable & unconfadlable
	rearables.
	· Restrictions of the problems.
	· Restrictions of the problems. · Identify the variables and compants
	· Establish the relations by warable and comfants
	· Identify the horiste alternative injutions.
A Justin	· brive our of the rality test to the atternative whitions-
	· Select the oftenal off?
E' March 1	· Turface, test and establish the whition.
Was Selected	A STATE OF THE STA
	Q I a la q de la
<u> </u>	8 company has 8 operational departments: i) Wearing (w) ii) Packing (k) with capacity to
	produce 3 different types of clothes: i) Suits (5),
	ii) shirts (H) and (iii) Worlen (b) spielding a
	frefit of £ 2/m for suits, £4/m for shirts and
LUMINAU	ZS/m for wollen. In of suit requires & nin
	in wearing & min in procuning and & min in
	hacking. Similarly In of thirt requires 4 min in
	meaning I min in processing and given in
	facting And I w of woodlen, at sequels 13 min
。 《唐·加	for each. In a week total runtine of each
	department is 60 hrs of W, 40 hrs of P and 80 hrs
	of K. Find the product mix to marinistate the
	weekly hight.
	60 hs - wearing (W) duits (S) - ks. fry - 1 min (ks)
	goly- Processing (t) Shirts (H) - Rs. 4/m + min (P) - 80 min (K) (C) Woollen (L) - Rs. S/m - 3 min (W)
	Smin 10 -



S - 2, metres 7,0 H - 1, 7,0

X = 22, +4x2 +3n3 → Objective function

3x, + 4a2 + 3a3 60x 60] time

27, + 72+373 < 40×60

71 + 372 + 373 < 80×60

0, 20, 227/0, 237/0] - Now-negativity combaint

To solve the problem, we need to look at various isolutions for a, a, a, as which are feasible boased on the countrainto. The maximum value of the objective fruction is called the optimal bane and the corresponding values of a, a, a, a, as is called the optimal solution.