universal

	Aseignment 1	
Qu.1.	Applying Taguchi's Principles:	
Ex-1:	2 factors at 2 levels: Full factorials: 2 = 4	
	Full factorials: 2 = 4	
	Half factornals: 4	
	Saturation: 4	
Ex-2:	2 factors at 3 levels:	
	Full factorials: 3=9	
	realf factorials: 9	
	Saturation: 9.	
Qu-2	Taking epas 1.00	Taking (p as 1.33
	Cp = ± 5L	Cp = ± 5L ± 300
	== Cp x (±30) =+30	-: SL= Cpx (±3~)
0	- + 4 ~	
Sided	pefect Raty:	Defect Rates:
	f(z)=f(3) ?	
	f(z) = f(3) Esymmetric $= f(-8)$	f(z) = f(+) ? Symmetric = f(-4) ? Symmetric
	= 0.00132	= 0.000052
	= 0.135 1/2	=0.00327.
Two- Soled		
Sided	0.277.	0.0064%
Qu-3	Defect Rate = 5/1000 = 0,005	
	Assuming this to be 2-sided, defect rate for 1 sided:	
	0,0025	
	if(z)=0.0025 > z=2.81	
	$C_{\rm p} = Z/3 = 2.81/3$	
	$\frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{3} \frac{1}$	
	Pk	