









(iv)	x GJ= x [n]
	$= 2 \cos \left(\frac{100 \text{ nt} + 11}{4 \text{ cos}}\right) + \cos \left(\frac{300 \text{ 7i}}{4 \text{ s}}\right)$
	(fs 2) (fs
	fs = sampling fueg.
	Y O X
	Given y(+)= 2 cos (100 T) + 1 1 1
	$\frac{1}{fs_1}$
	ast of an estimate
	$: \cos\left(\frac{3000}{45}\right) = 1 = \omega S\left(2\pi + \frac{4}{4}\right)$
	15)
	fs= 300 => fs= 150 Hz
	Z