	Sampling Frequency	-
	Sampling Frequency Sample on by on	1
	1.1.	1
		1
	- interval is alway fixed for Sampling	1
	fs of	1
		7
		5
	rahy hn)	66
		*
	Original data is in Continuous form	*
	we can't deal with it as we are not	-
	having analog Devices - We have digital	-
	device - Convert it into Digital By	-
	(sampling / Gantization) Now again we	-
	have to display autput in torm	
	of Analog Signal (Continuous wave)	
Umited	Discrete > (ontinuous (intinite) (un limiter de	taj"
data	Is this possible ?? (Yes it is By	
	Haw 97 using Sampling	-
	theorm)	
	fs = 2fmax	
	Method equation for Sampling theorm-	
	Sampling theorm-	
	FU	

then wild a still data original of	
1 Sampling	
to easy be will it	
using that Sampling points-	
fs ≥ 2 fmax	
fs = Sample frequency	
fmax = maximum frequery component	
frequency then	Page 1
> > Select Next invertal By Using fs ≥ 2fmax	
- Sampling Operation is Done By Using this	
formula - (with out exert) -	
e.g. fmax = 40	
fmin = 40	
then it's fo should be equal or > th	en Bo.
Reconstruction Regeneration -	
= Reconnocuery	
a Didama will Be distrib	
Oxiginal Distance will Be distrib	
when we don't used (fallow) the	
theorm-	