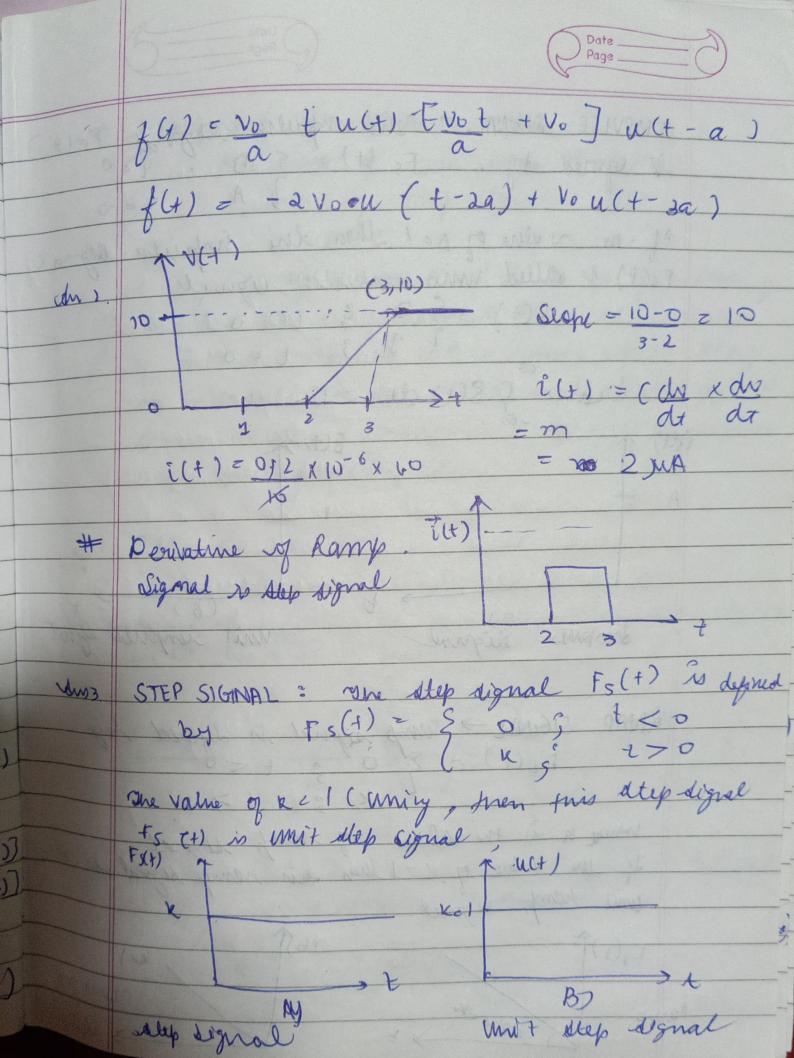
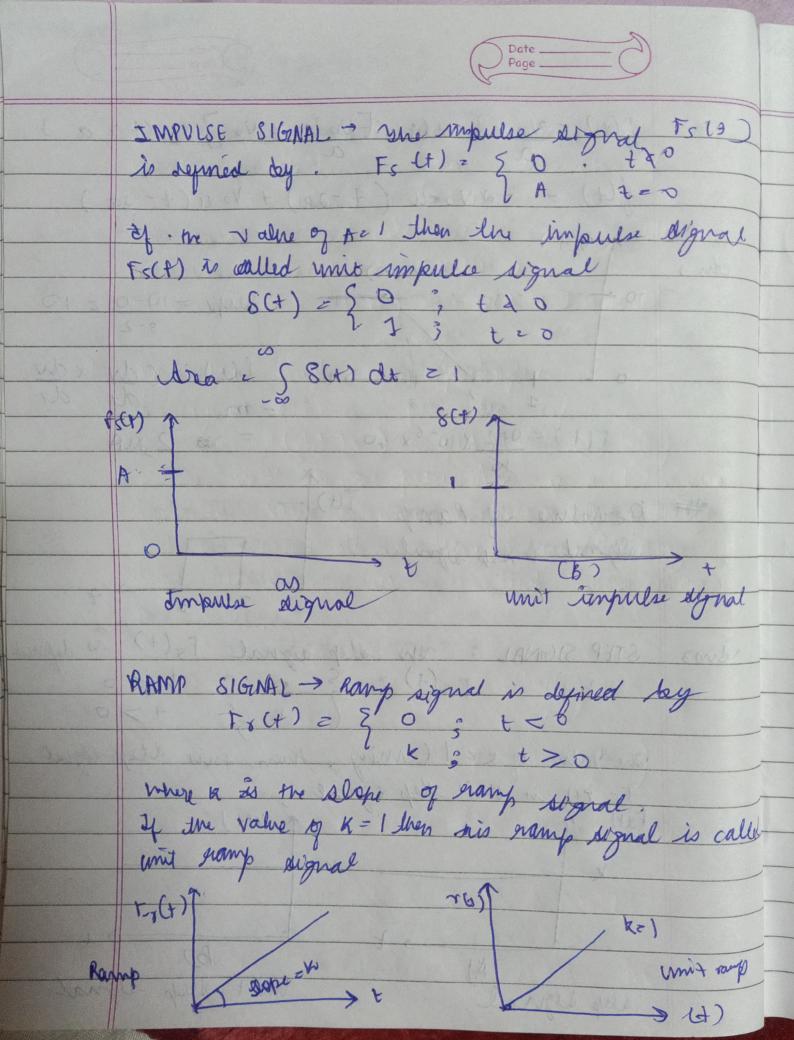
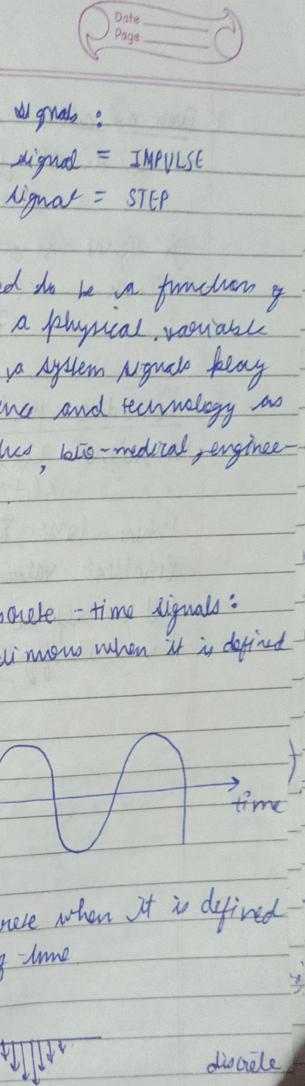
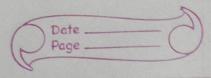
discent an	d Systems
	Assignment-1 (Page == )
	Name - Syeda Ruha Anasar Rull no 14114802719
ans).	enpress the worreforms say standard diguals
a) 5	f(+)= 1(W+-0)-4(+-1)
3	+ 2 [u(+-3) = u(t-4)) + 2 [u(+-1) - u(f-2)]
	f(t)= U(t) - u(t-1) + du(t-1) - 2u(t-2) + 5u
	(4-2) - 5u(t-3) + 2u(t-3) - du(f-y) + 4u(t-4) - 4u(t-5)
	f(t) = u(t) + u(t-1) + 3u(t-2) - 3u(t-3) $+ u(t-4) - vu(t-5)$
b)	1 + (+) = Vo (+) [uct-0]
	20 30 - u(t-a)] +  vo [u(t-a)] - u(t-20)]
	F(4) = vo + u(4) - vo + u(4-a) + vo (u(4-a) - u(4-3a)) $vo + vo +$
	1 40 4 100







# Relationship so/w Standard signals: Derivative of May signed = IMPULSE Derivative of Jamp lignal = STEP A signal way so considered to be a function of Anors in the that represents a physical variable of interest associated with a system regnals below an important role in science and technology as communication, almonaulus, buto-medical, engènce my, speech personsing, etc TYPES OF SIGNAL -> \* Continuous time and Disorde : time dignals: A signal is said is no worm ilmoss when it is defined for all instands . g time time A signal is said to be discrete when it is defined. 1111



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and the contract of the contra	d signal 2(+) 20 percordic if
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	mere lost. To is periodie g n (+). The
* 1	Amallest value of to such mas ea & D u Soulis -
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	not satisfyring. Des colled non permoon
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