log = 0.2702 Az

From lique: T=M5

60 = 211/T

Uo = 10 tods

lon (do n-cum - bn = 0

Rawtien for as is given by:

a = 1 find+

= 5/7 ( 7/10 12 dt

= Go (+) 2/10

= 16 mm + 1 7 7 mm

Savotien for on by given by:

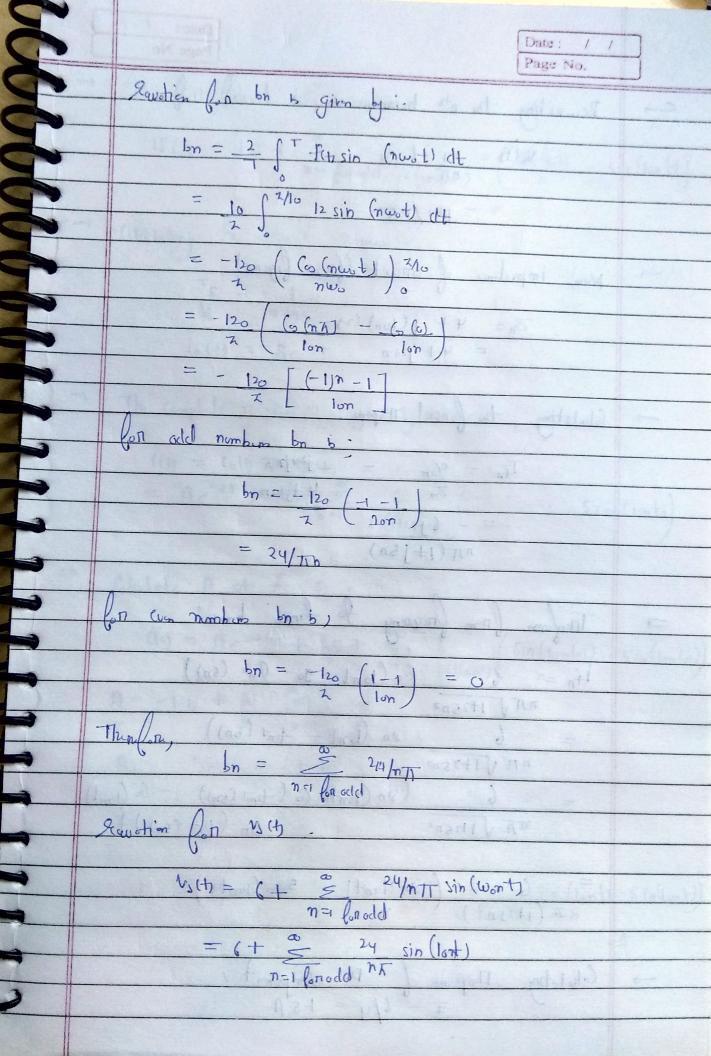
On = 12/T I for Go (nwot) dt

= 10/2 /2/10 (co (nount) dt

= 120 (gn (noot) 7/10
7 (nwo)6

= 120 [ Sin (nti) - sin (6)]

= 0 14 1000 4 1



	Date: / / Page No.
C>	Beaupiting the note transmission
	V3(1) = 24 1 - 90
	= - j24/n7 qual all all
$\neg$	Now, impedance of cincot (fram figure)
	$Z_{n} = 4 + j(lon)(2)$ $= 4 + jlon$
<b>→</b>	
	The = Ush = -j24/nh
	=-6j at $=$
	ntr (1+j5n)
J	Trenform from frequency to time demolo?
	ifn = 6 (4 (lont + 96 - Jan (5n))
	= 6 Sin (lont - tent (5n)) ntt V1+25m2
	= 6 (sin (lont) (s (tont (sn)) - (s (lont))  mh / 1+2502 sin (tont (sn))
	= 6 (Sin (lont) - 5 (so (lont))  7 (1+25n2) n
	(alwhy Thespoon of De component)  I = 6/4 = 1.5 A

