BIL	LIST OF FORMULA
1.	$f = \frac{1}{2\pi RC\sqrt{2N}}$
2.	$f = \frac{1}{2\pi\sqrt{LC}}$
3.	$CMRR = \frac{A_D}{A_C}$
4.	$CMRR_{dB} = 20 log_{10} \frac{A_D}{A_C}$
5.	$A_V = rac{V_O}{V_i}$
6.	$A_V = -rac{R_f}{R_{in}}$
7.	$A_{V} = 1 + \frac{R_{f}}{R_{in}}$
8.	$V_O = -\{(\frac{R_f}{R_{in}})(V_{in1} + V_{in2} + V_{in3} + \dots + V_{inN})\}$
9.	$Vo = \frac{R_2}{R_1} \left(V_2 - V_1 \right)$

10.	$V_{O} = -P_{o}C\frac{dV_{in}}{dV_{in}}$
	$Vo = -R_f C \frac{dV_{in}}{d_t}$
11.	1 (,,,
	$Vo = -\frac{1}{R_{in}C} \int V_{in} d_t$
12.	T = 1.1 RC
13.	$T_H = 0.693(R_A + R_B)C$
	$T_L = 0.693(R_B)C$
14. 15.	$T = T_H + T_L$
16.	* ** ** ** ** ** ** ** ** ** ** ** ** *
	$f = \frac{1}{T_{tt} + T_t}$
	$T_H - T_H + T_L$
	1.44
	$f = \frac{1.44}{(R_A + R_B)C}$
	* JW 100 *
17.	T_{H}
	$\%DutyCycle = \frac{T_H}{T_H + T_L} \times 100$
	$\%Duty Cycle = \frac{R_A + R_B}{R_A + 2R_B} \times 100$
18.	1
	$X_{\mathcal{C}} = R = \frac{1}{2\pi f_c C}$
	1
	$f_C = \frac{1}{2\pi RC}$
	V_{α}
	$A_{V\;dB}=20\;Log\;rac{arphi}{V_i}$
19.	$V_{2} = -(V_{2}, \frac{1}{2}V_{2} + \frac{1}{2}V_{2} + \frac{1}{2}V_{1})$
20	70 CB+ 2 CC 4 AB 8 17
20.	$A_{V dB} = 20 Log \frac{V_{o}}{V_{i}}$ $V_{o} = -(V_{D} + \frac{1}{2}V_{c} + \frac{1}{4}V_{B} + \frac{1}{8}V_{1})$ $V_{o} = -\frac{V_{ref}}{2^{n} - 1} x B_{in} x \frac{R_{f}}{R}$ $Step size = 2^{n} - 1$
21.	$Step \ size = \ 2^n - 1$
22.	Percent ge of Resolution(%) = $\frac{V_{ofs}}{2^n - 1} \times 100$
23.	$\frac{2^{n}-1}{T_{c} = Step \ size \ x \ T}$
	IC - Moch arm wi