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.	$$A_V = \frac{V_O}{V_i}$$
6.	$$A_V = -\frac{R_f}{R_{in}}$$
7.	$$A_V = 1 + \frac{R_f}{R_{in}}$$
8.	$$V_O = -\{(\frac{R_f}{R_{in}})(V_{in1} + V_{in2} + V_{in3} + \cdots + V_{inN}$$
9.	$$Vo = \frac{R_2}{R_1}\ (V_2 - V_1)$$

10.	$Vo = -R_f C \frac{dV_{in}}{d_t}$
11.	$Vo = -\frac{1}{R_{in}C}\int V_{in}\ d_t$
12.	T = 1.1 RC
13.	$T_H = 0.693(R_A + R_B)C$
14.	$T_L = 0.693(R_B)C$
15.	$T = T_H + T_L$
16.	$f = \frac{1}{T_H + T_L}$ $f = \frac{1.44}{(R_A + R_B)C}$
17.	$\%Duty\ Cycle = \frac{T_H}{T_H + T_L}\ x\ 100$ $\%Duty\ Cycle = \frac{R_A + R_B}{R_A + 2R_B}\ x\ 100$
18.	$X_C = R = \frac{1}{2\pi f_c C}$ $f_C = \frac{1}{2\pi RC}$ $A_{V\,dB} = 20\ Log\ \frac{V_o}{V_i}$
19.	$V_O = -(V_{D+}\ \frac{1}{2}V_C + \frac{1}{4}V_B + \frac{1}{8}V_1)$
20.	$V_o = -\frac{V_{ref}}{2^n - 1}\ x\ B_{in}\ x\ \frac{R_f}{R}$
21.	$Step\ size = 2^n - 1$
22.	$Percentge\ of\ Resolution(\%) = \frac{V_{ofs}}{2^n - 1} x\ 100$
23.	$T_C = Step\ size\ x\ T$