Assignment II

	Questions	COs*	RBT** Level
1	Explain the construction rules for Root Locus	CO 4	L$_1$
2	For the Transfer function $G(s) = \dfrac{K}{s(s+1)(s+2)(s+3)}$ plot the root locus	CO 4	L$_3$
3	Define Routh Herwitz criterion.	CO 4	L2
4	Explain the Concept of stability	CO 4	L1
5	Explain Necessary conditions for Stability	CO 4	L2
6	Derive the expression for condition for stability	CO 4	L2
7	Fin the range of K for the characteristic equation $s^4+25s^3+15s^2+20s+k=0$, using RH criteria.	CO 4	L2