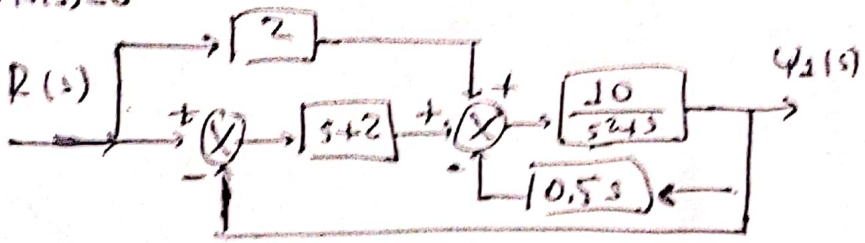
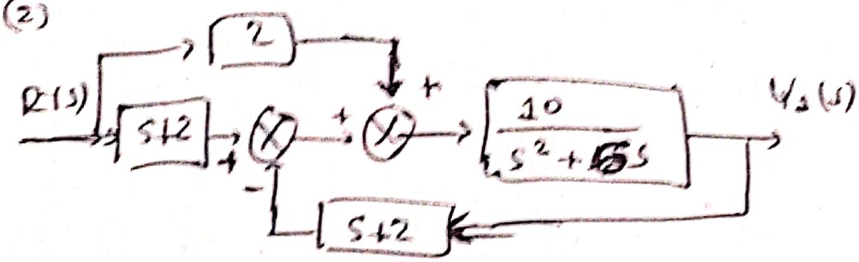
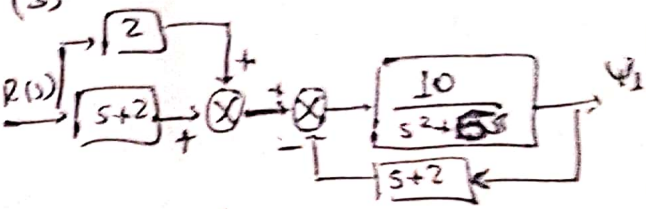
2-) $N(s)=0$



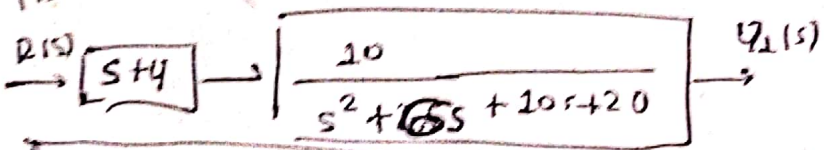
(2)



(3)

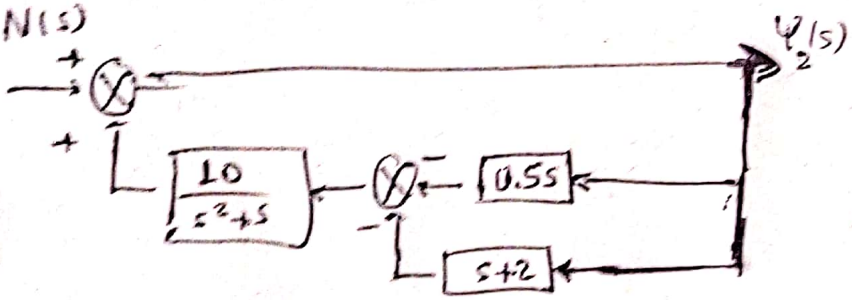


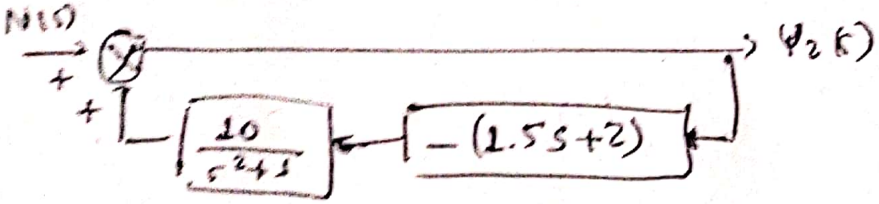
(4)



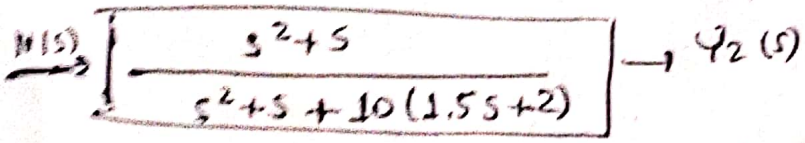
$$Y_1(s) = \frac{10(s+4)}{s^2+16s+20} \cdot R(s)$$

$R(s)=0$





$$Y(s) = Y_1(s) + Y_2(s)$$



$$Y_2(s) = \frac{s^2+5}{s^2+16s+20} \cdot N(s)$$