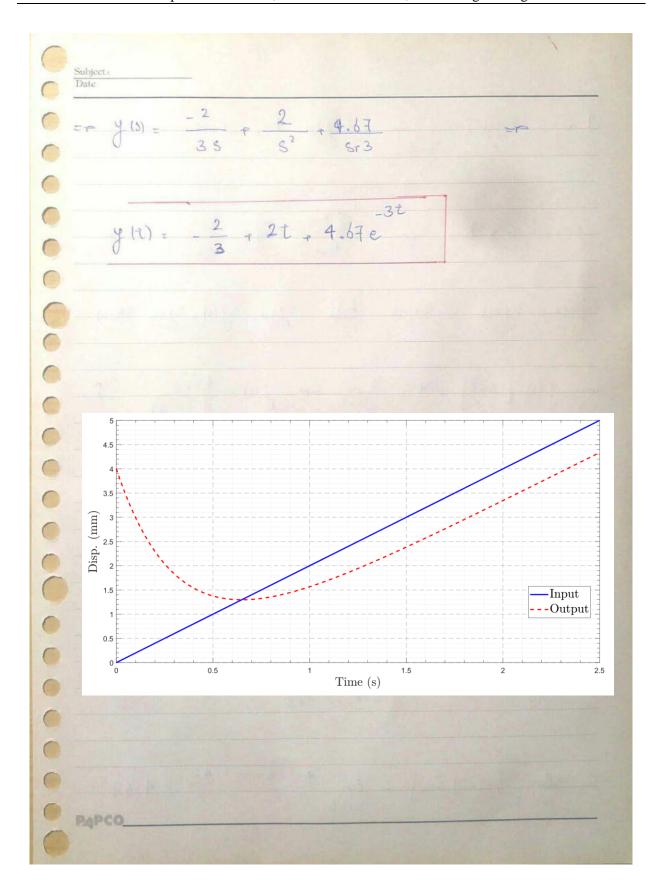
Question 1a.

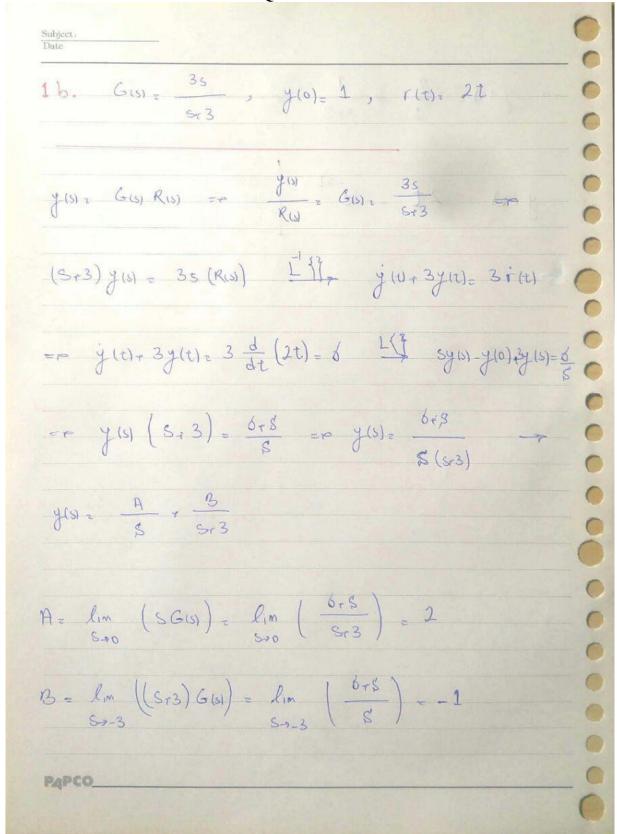
Subject.

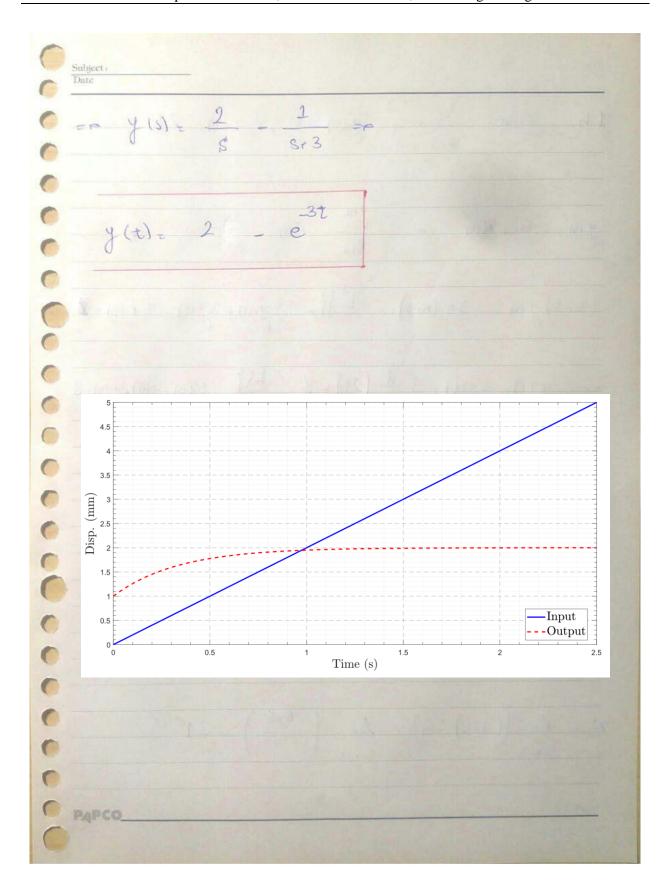
There

1 a. 
$$G(s) = \frac{3}{5r3}$$
,  $y(0) = t$ ,  $r(2) = 2t$ 
 $y(1) = \frac{3}{5r3}$ ,  $y(0) = t$ ,  $r(2) = 2t$ 
 $y(1) = \frac{3}{5r3}$ ,  $y(0) = t$ ,  $r(2) = 2t$ 
 $y(1) = \frac{3}{5r3}$ ,  $y(0) = t$ ,  $y(0) = \frac{3}{5r3}$ 
 $y(1) = \frac{3}{5r3}$ ,  $y(0) = t$ ,  $y(0) = \frac{3}{5r3}$ 
 $y(1) = \frac{4}{5r3}$ ,  $y(0) = t$ ,  $y(0) = \frac{4}{5r3}$ ,  $y(0) = \frac{4}$ 

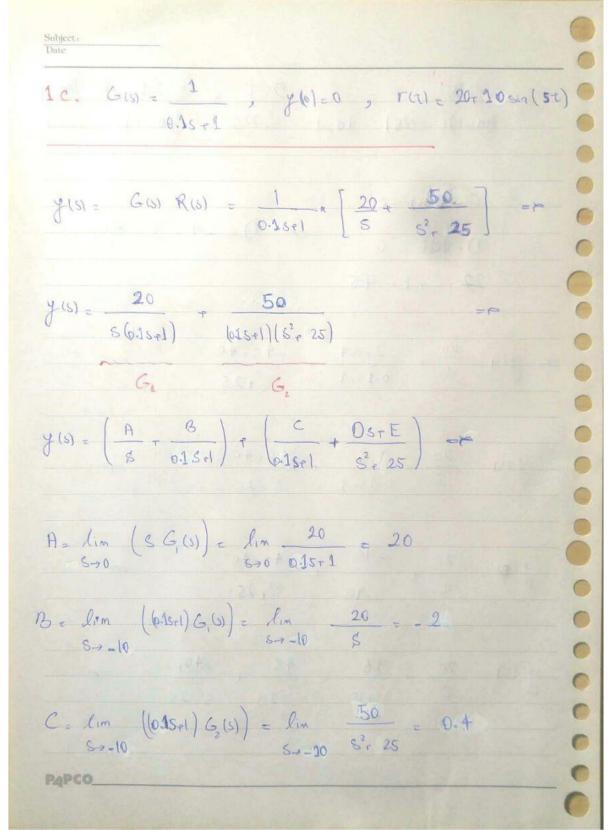


Question 1b.





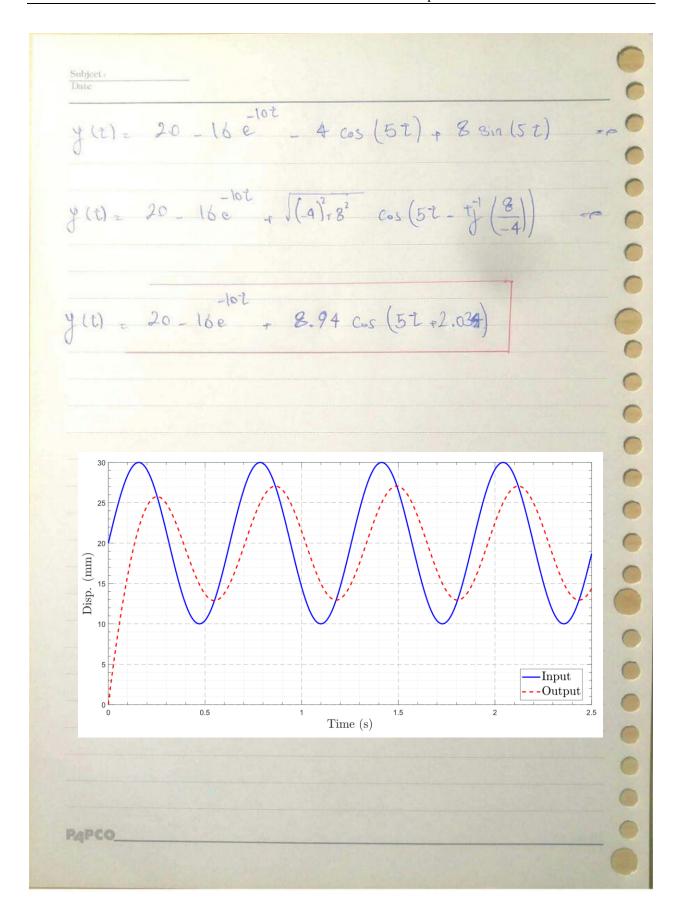
## Question 1c.



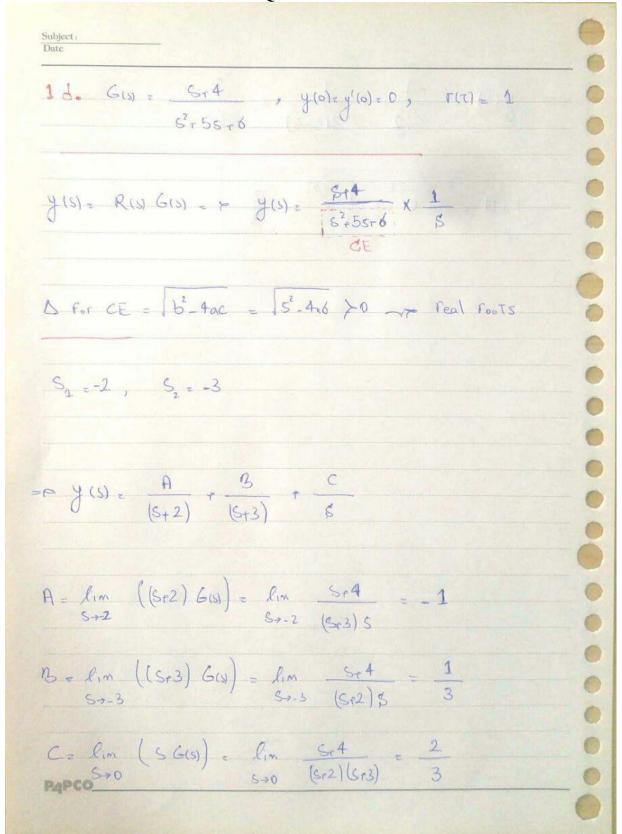
Subject.

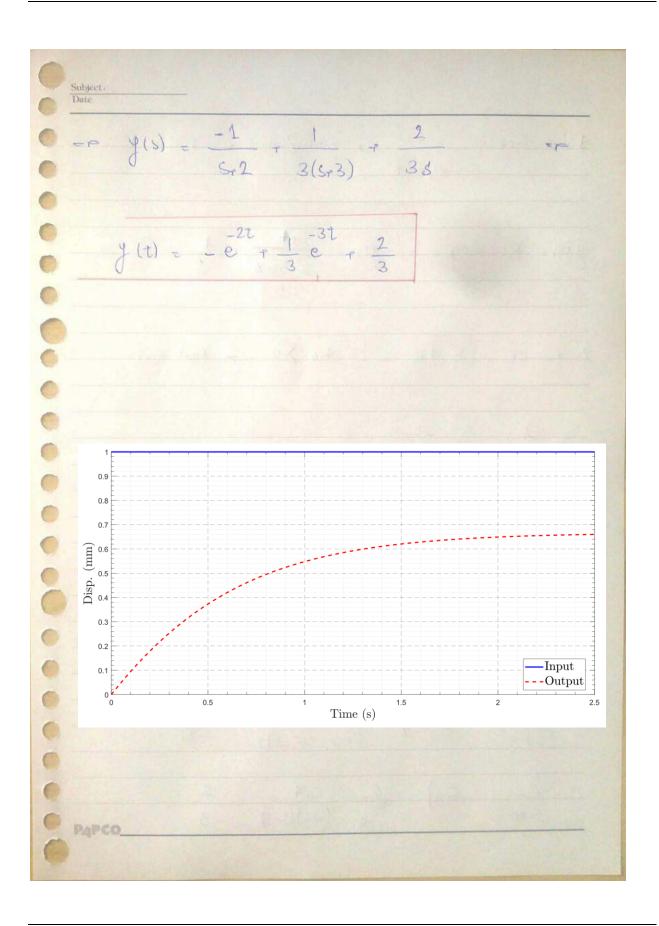
Date

$$G = \frac{50}{2} = \frac{C}{50} = \frac{C}{5} + \frac{0.5 \cdot E}{5^2 \cdot 25} + \frac{0.45 \cdot 1}{0.45 \cdot 1} = \frac{C}{5^2 \cdot 25} + \frac{0.45 \cdot 1}{0.45 \cdot 1} = \frac{0$$

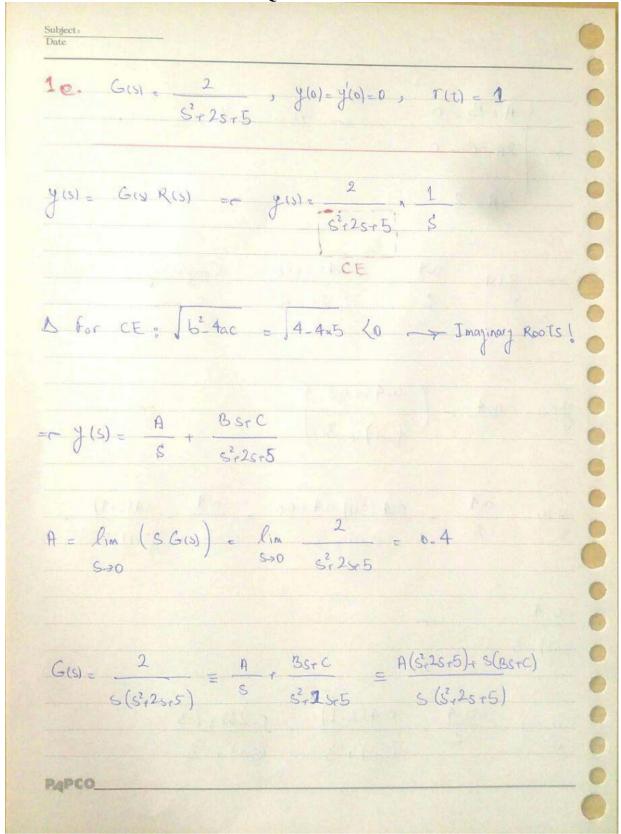


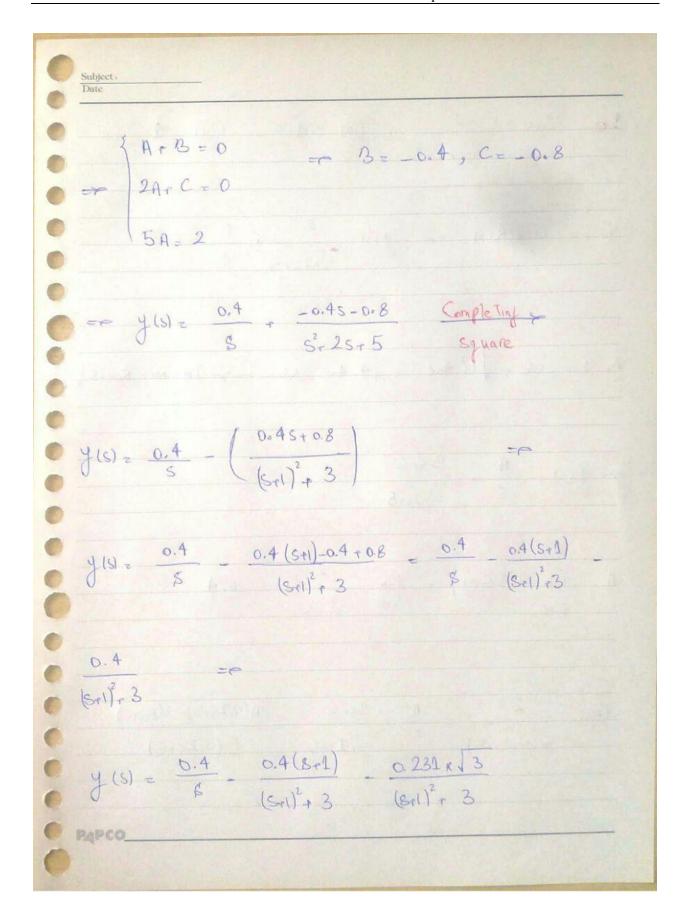
## Question 1d.

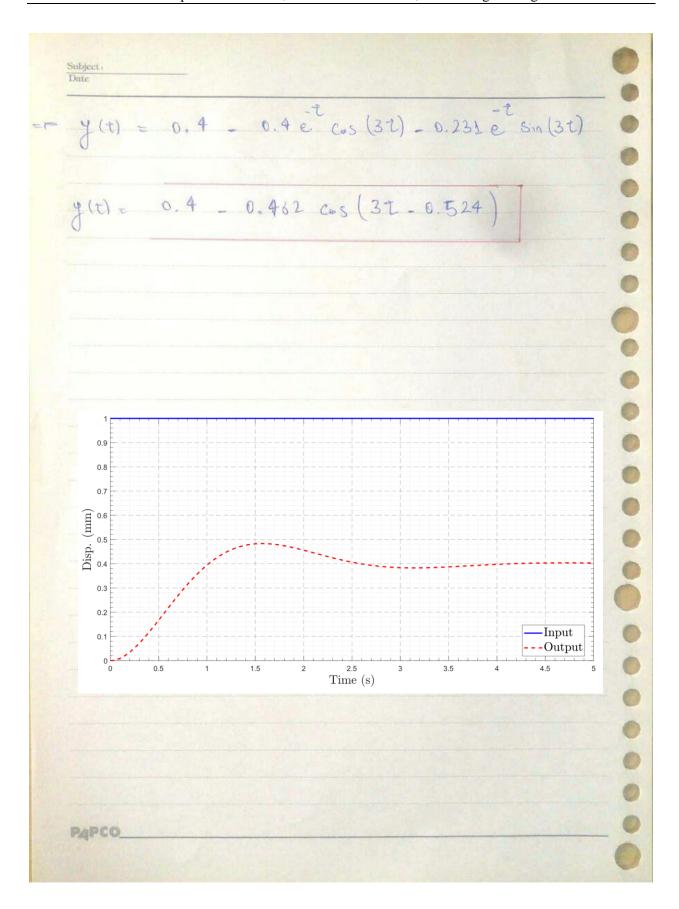




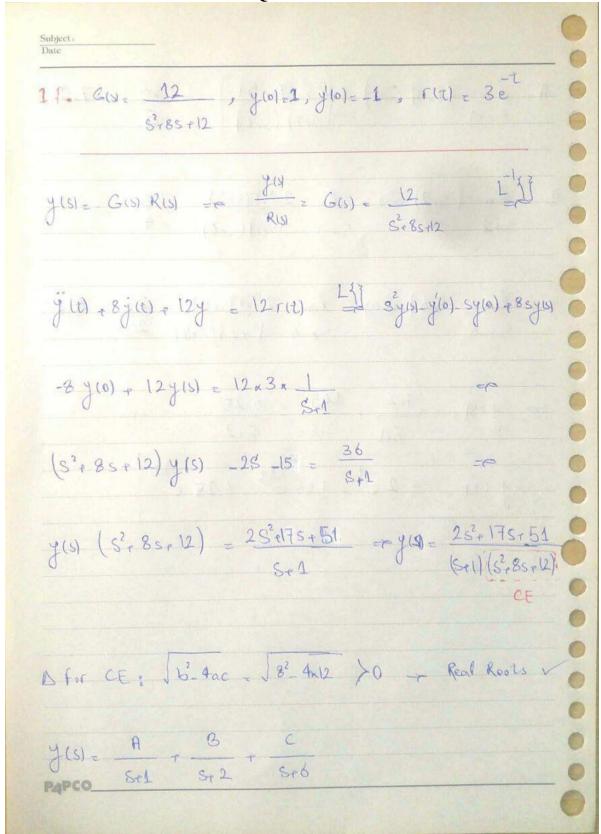
Question 1e.

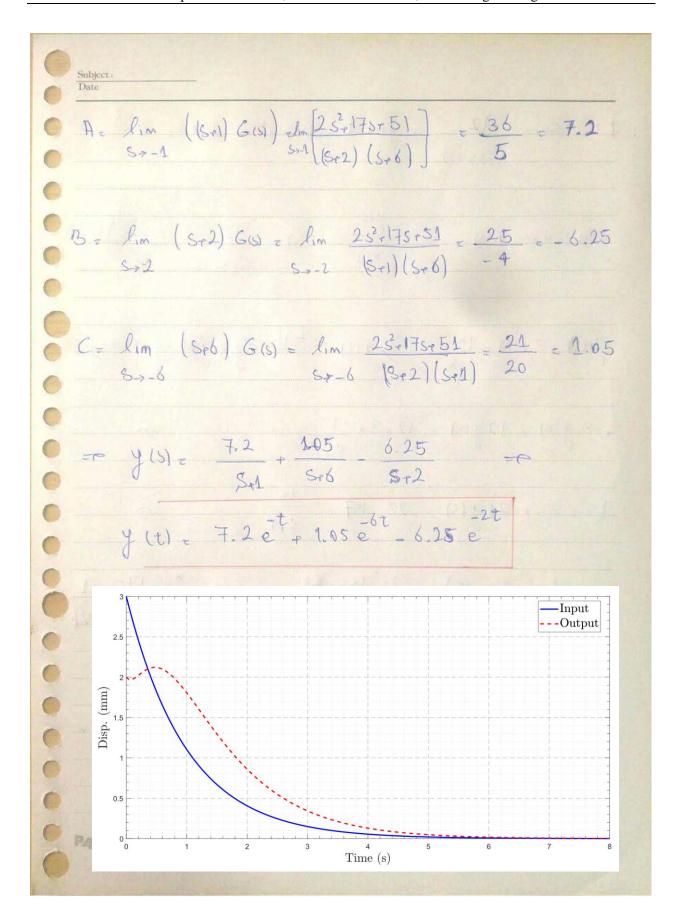




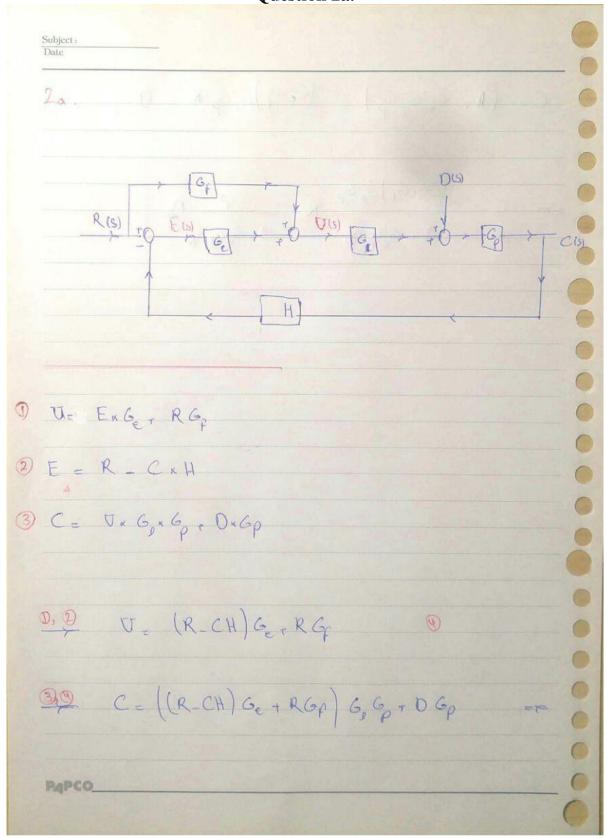


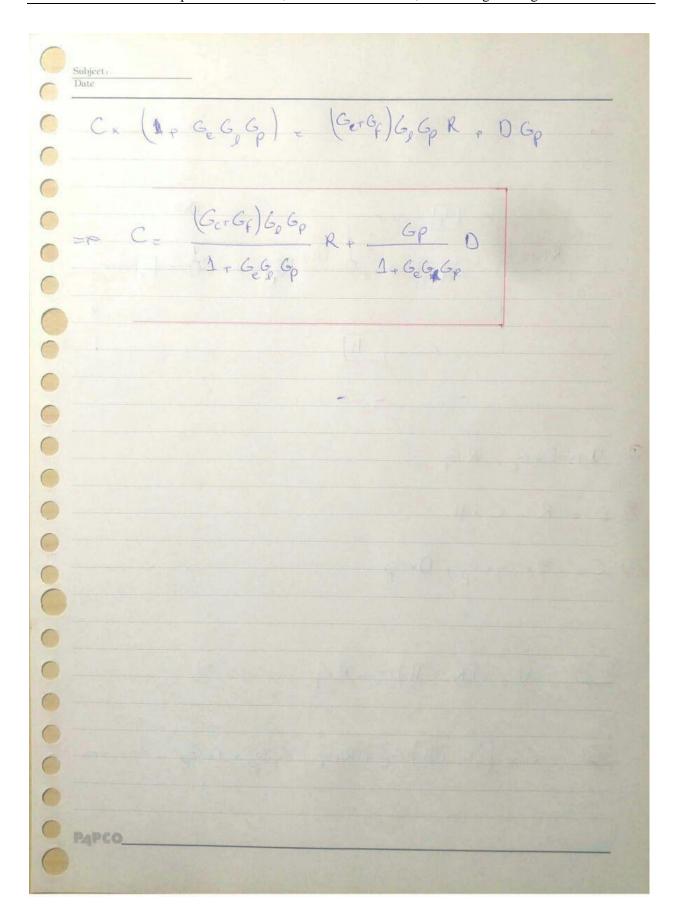
Question 1f.





Question 2a.





Question 2b.

