

## Lab report 5 (rubric)

### Lab part 1

#### **Pulse response circuit: (5 points)**

Write the equation for  $V_c(t)$  for  $t \geq 0$ . Write the value of  $V_c(t)$  when  $t = 0$ ,  $t=5$ .

Write the equation for  $V_c(t)$  for  $t \geq 10ms$  and value of  $V_c(t)$  when  $t = 10ms$

### Lab part 2

#### **Low pass filter : (5 points)**

Error analysis  $V_{\text{peak-peak}}$  of  $V_o(t)$  and phase difference  $\Delta\theta$