Student Name: ...... Student Number: .....

## **Question 1**

Calculate the response of  $v_o(t)$  in Fig. 1 when  $i_s(t) = \delta(t)$ ,  $v_c(0^-) = 0$ , and  $i_L(0^-) = 0$ .

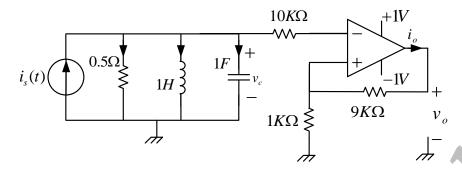


Figure 1: An op-amp circuit.