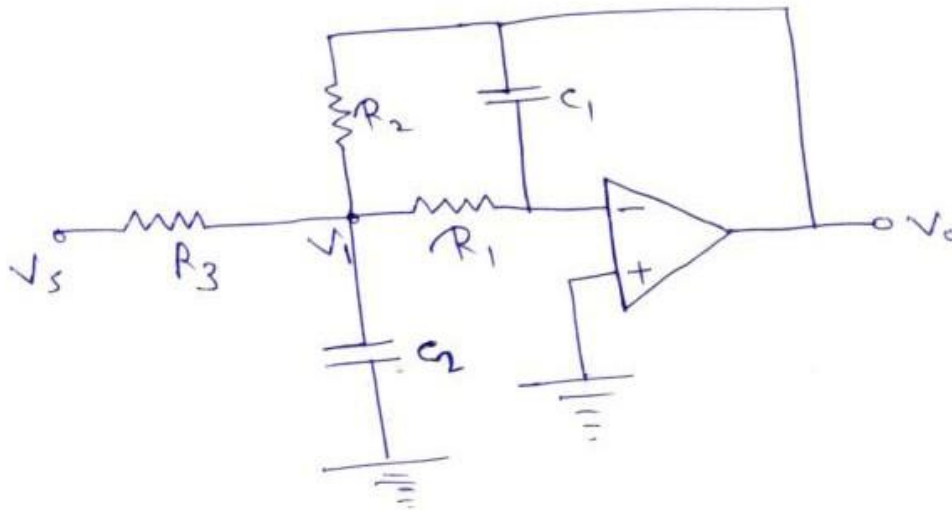Question:

For the circuit shown,

a) The damping factor (ξ).

b) The natural frequency (Wn) in rad/sec.

For , $R_1 = R_2 = R_3 = 1 \ K\Omega$

$C_1 = C_2 = 4 \ \mu F$

Note : Give your answer upto two decimal place.