Given Information, C1 = 0.01 MF R1 = 470 K-R R2 = 5.1 km Rz = 100KA Suarding to Marwell's bridge, Rx = R2R3 - 5-1×103×100×108 479×103 = 51000 = 1085,106 r = 1.085 KM Lx= C1R2R3 = 0.01x1026 x 5.1x102x 100x103 = 0.01x 5.1x 100 The series equivalent of the unknown impedance is -well Rn= 1.085 km