1-) (50 P) For the three-hinged parabolic arch shown below, compute the reactions at the supports and axial force (N), shear force (V) and bending moment (M) at sections E & F.
2-) (50 P) Determine the location of the 40kN load such that the sags at point B & C are 2 & 3m., respectively.
Determine the maximum tension in the cable.